MINI HiFi COMPONENT SYSTEM

RXD-652/652E/652W/702/702E/702W/752/752E/752W/772S/852/852E/852W/A81/A601/A701

SERVICE MANUAL

(XD-652~A701) **

KENWOOD

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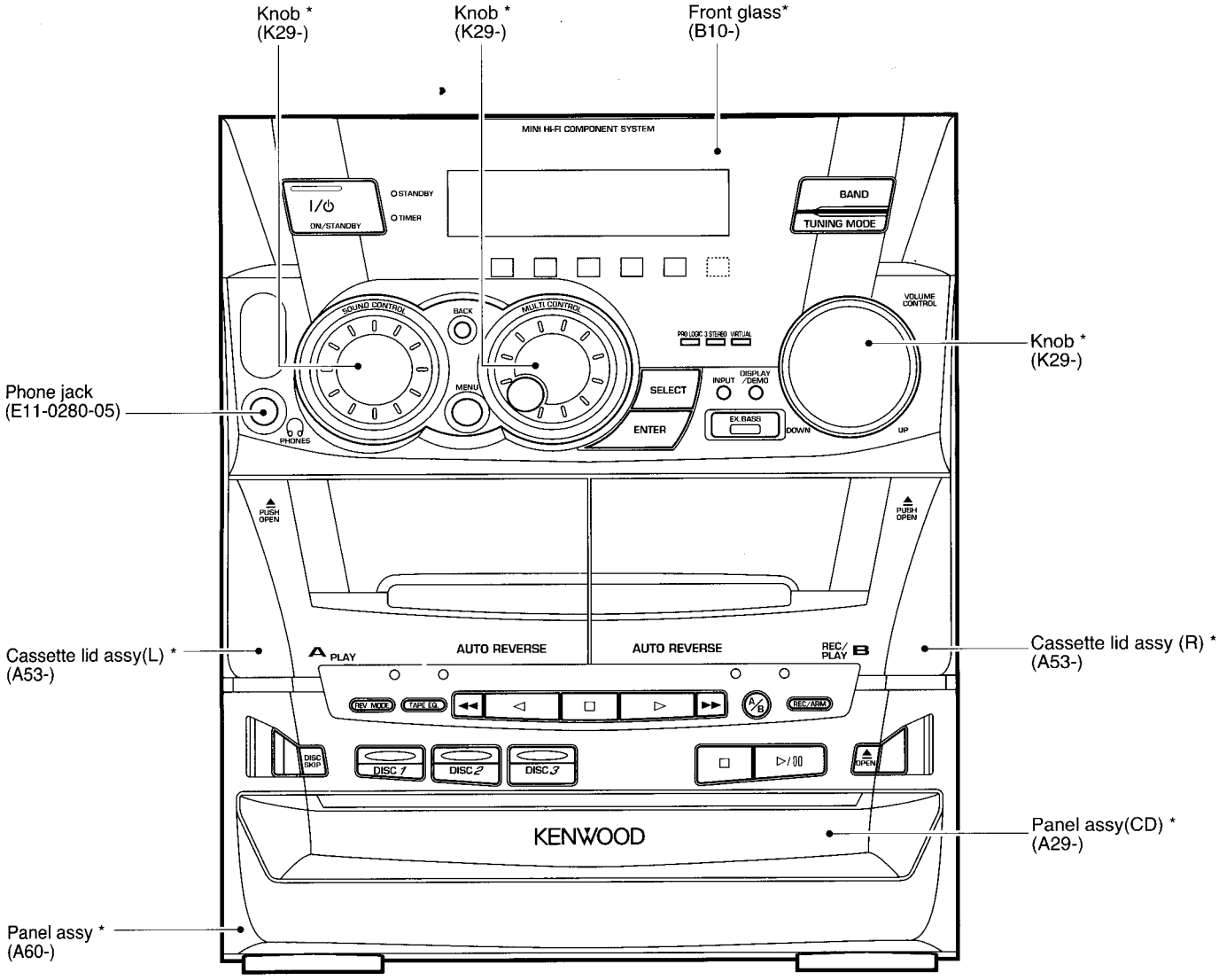

*** Refer to parts list on page 55~.**

**Refer to page 2 if you want to know system configuration.

In compliance with Federal Regulations, following are reproductions of labels on, or inside the product relating to laser product safety.

KENWOOD-Crop. certifies this equipment conforms to DHHS Regulations No. 21 DFR 1040. 10, Chapter 1, Subchapter J.

DANGER : Laser radiation when open and interlock defeated. AVOID DIRECT EXPOSURE TO BEAM

RXD-652/702/752/772S/852/A81/A601/A701

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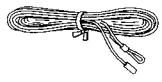
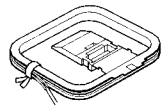
Accessories

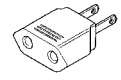
FM indoor antenna (1)
(T90-0836-05)



AM loop antenna (1)
(T90-0837-05)

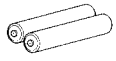


AC plug adaptor (1)
(E03-0115-05)

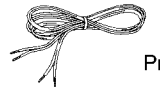


Use to adapt the plug on the power cord to the shape of the wall outlet.
(Accessory only for regions where use is necesary.)

Batteries (R6/AA) (2)



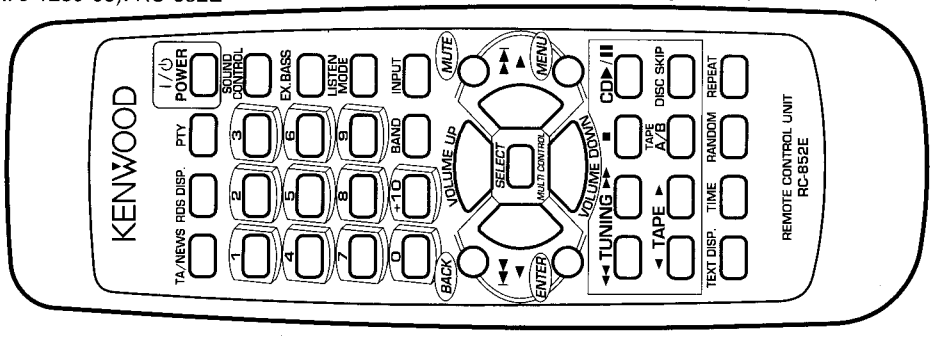
Speaker cords (2)



Provided in the speaker package

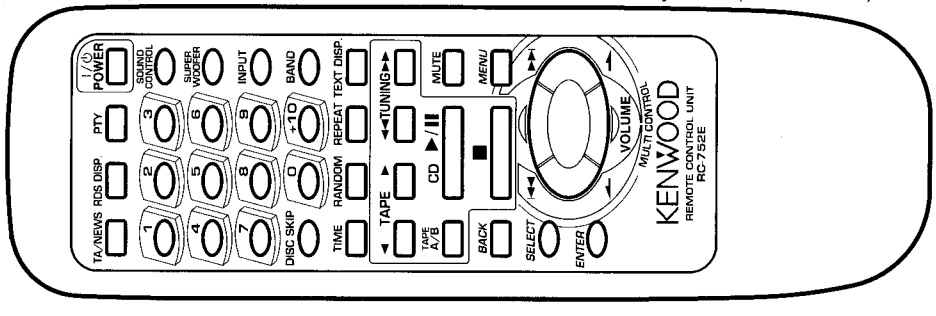
Remote control unit (1)
(A70-1289-05): RC-852E

Battery cover (A09-1135-08)



Remote control unit (1)
(A70-1298-05): RC-752E

Battery cover (A09-0399-08)



System configuration

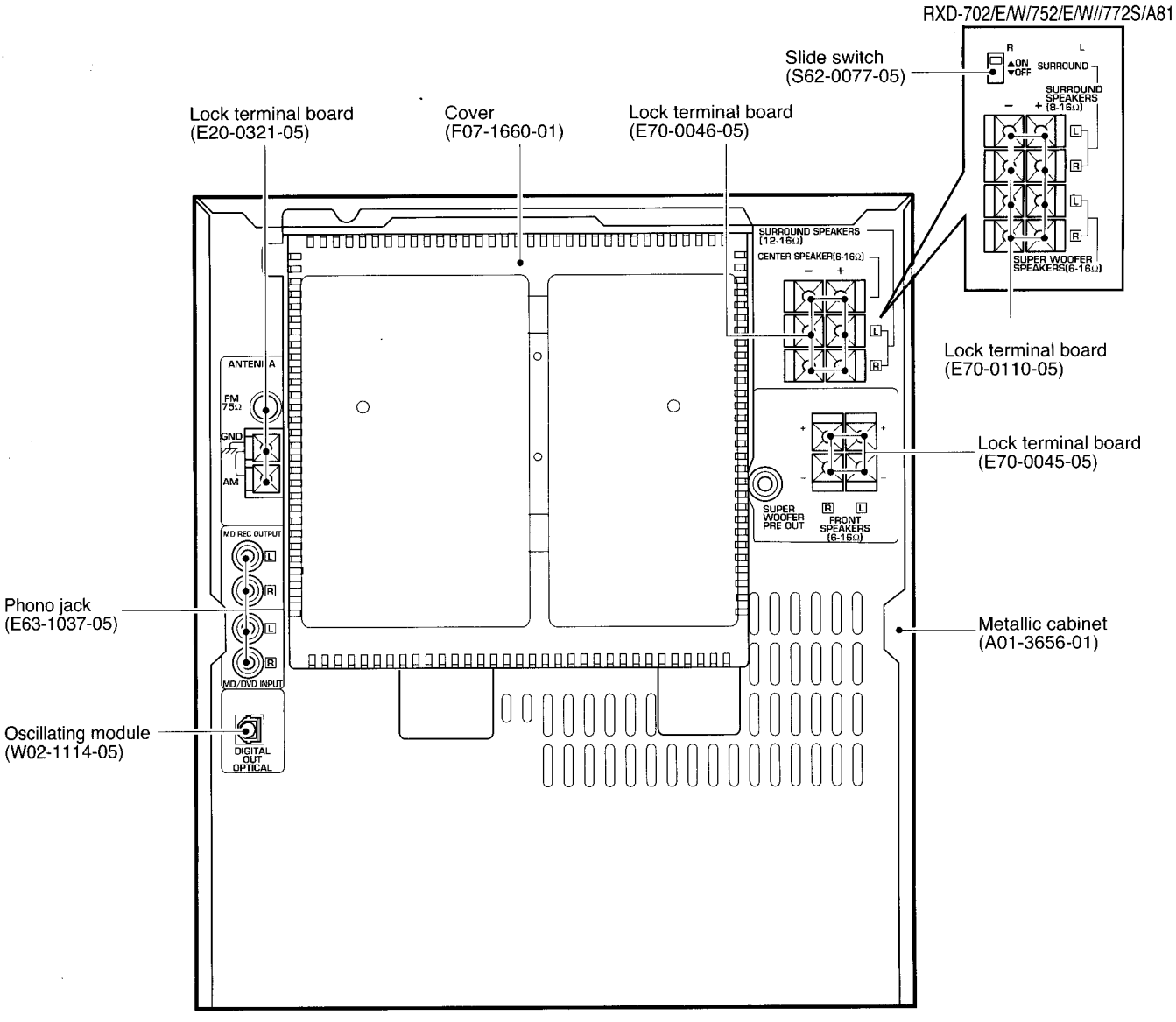
SYSTEM	MAIN UNIT	DESTI-NATIO	SPEAKER	SPEAKER	SP CORD PSRTS No
XD-A601	RXD-A601	KP	LS-N472	CRS-N572	E30-5535-05
XD-652	RXD-652	MXE	LS-N472	CRS-N572	E30-5535-05
XD-652E	RXD-652E	E1	LS-N472	CRS-N572	E30-5535-05
XD-652W	RXD-652W	Q	LS-N472	CRS-N572	E30-5535-05
XD-A81	RXD-A81	KP	LS-N752	-	E30-5549-05
XD-752	RXD-752	YMXTE	LS-N752	-	E30-5549-05
XD-752E	RXD-752E	E1	LS-N752	-	E30-5549-05
XD-752W	RXD-752W	Q	LS-N752	-	E30-5549-05
XD-702	RXD-702	E	LS-N702	-	E30-5549-05
XD-702E	RXD-702E	E1	LS-N702	-	E30-5549-05
XD-702W	RXD-702W	Q	LS-N702	-	E30-5549-05
XD-772S	RXD-772S	M1	LS-N752	-	E30-5549-05
XD-A701	RXD-A701	KP	LS-N572	CRS-N572	E30-5535-05
XD-852	RXD-852	YMXTE	LS-N572	CRS-N572	E30-5535-05
XD-852E	RXD-852E	E1	LS-N572	CRS-N572	E30-5535-05
XD-852W	RXD-852W	Q	LS-N572	CRS-N572	E30-5535-05

Remocon configuration

MAIN UNIT	DESTI-NATION	REMOTE CONTOROLLER	BATTERY COVER	MODEL NAME
RXD-A601	KP	A70-1288-05	A09-1135-08	RC-852
RXD-652	MX	A70-1288-05	A09-1135-08	RC-852
RXD-A701	KP	A70-1288-05	A09-1135-08	RC-852
RXD-852	YMX	A70-1288-05	A09-1135-08	RC-852
RXD-652	E	A70-1289-05	A09-1135-08	RC-852E
RXD-652E	E1	A70-1289-05	A09-1135-08	RC-852E
RXD-652W	Q	A70-1289-05	A09-1135-08	RC-852E
RXD-852	TE	A70-1289-05	A09-1135-08	RC-852E
RXD-852E	E1	A70-1289-05	A09-1135-08	RC-852E
RXD-852W	Q	A70-1289-05	A09-1135-08	RC-852E
RXD-A81	KP	A70-1297-05	A09-0399-08	RC-752
RXD-752	YMX	A70-1297-05	A09-0399-08	RC-752
RXD-772S	M1	A70-1297-05	A09-0399-08	RC-752
RXD-702	E	A70-1298-05	A09-0399-08	RC-752E
RXD-702E	E1	A70-1298-05	A09-0399-08	RC-752E
RXD-702W	Q	A70-1298-05	A09-0399-08	RC-752E
RXD-752	TE	A70-1298-05	A09-0399-08	RC-752E
RXD-752E	E1	A70-1298-05	A09-0399-08	RC-752E
RXD-752W	Q	A70-1298-05	A09-0399-08	RC-752E

EXTERNAL VIEW / DISASSEMBLY FOR REPAIR

EXTERNAL VIEW



DISASSEMBLY FOR REPAIR

Check the X07 PCB

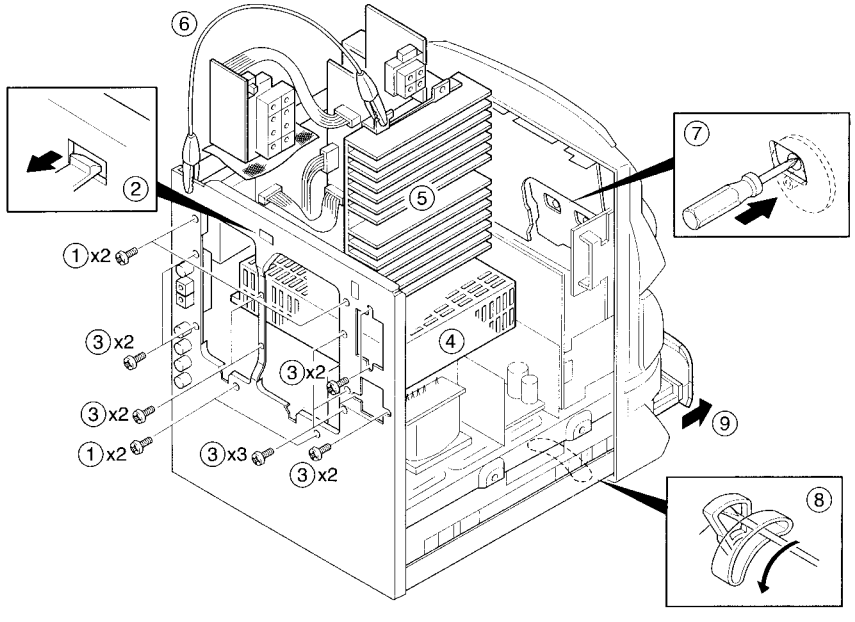
1. Remove the 4 screws (①), then remove the hook (②)of the cover and the cover.
2. Remove the 11 screws(③), then remove the X07PCB.
3. Put the cover (④) and the X07PCB (⑤) on the power transformer.
4. Connect GND between the rear panel and the X07PCB with an alligator clip wire(⑥).

How to remove the JOG knob

5. Push the JOG knob by a inserting + screw driver in the hole of the front panel back(⑦).

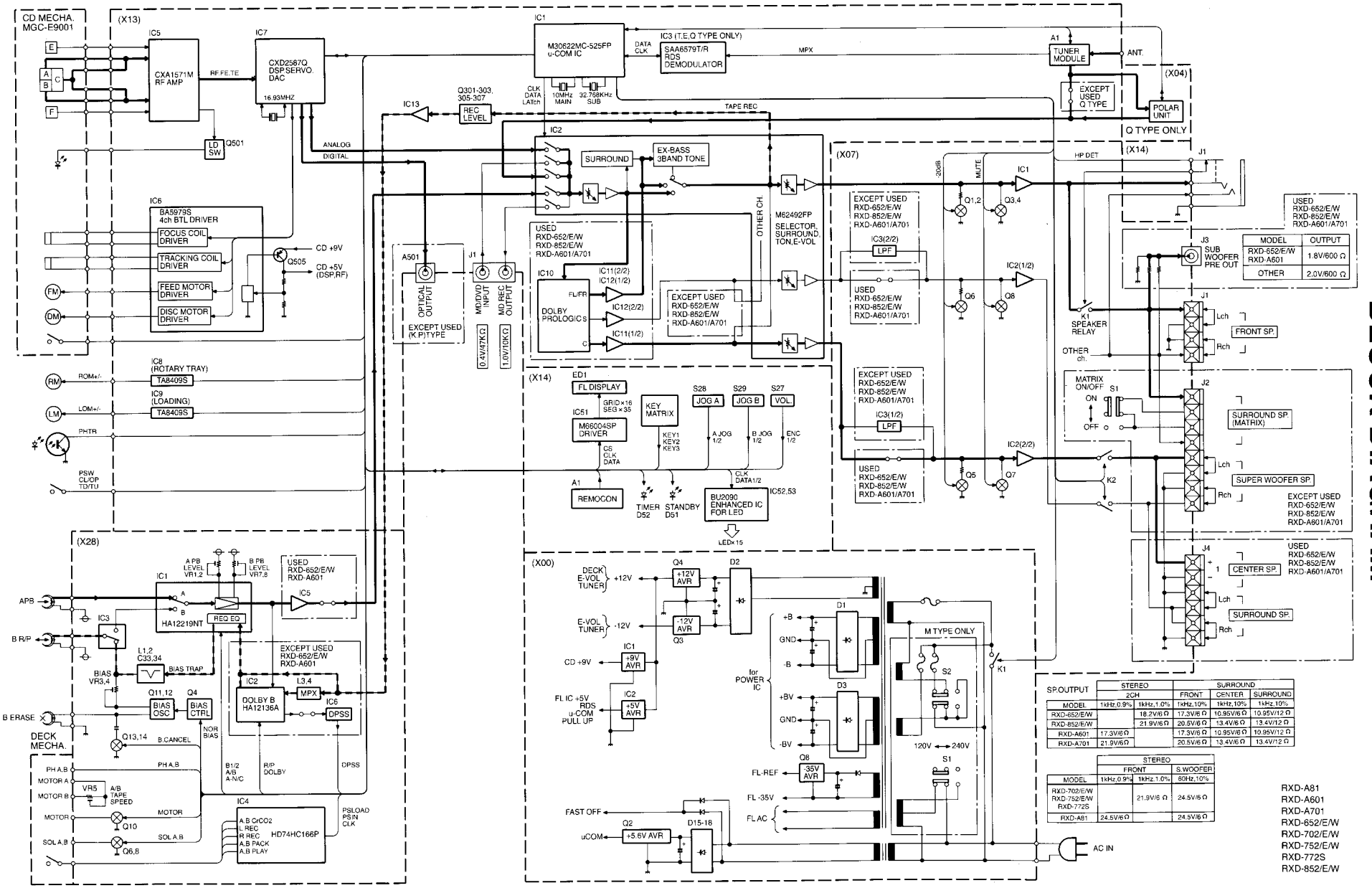
How to the tray if not comes out

6. Turn the friction arm fully counterclockwise using a screw driver and the like (⑧).
7. Pull out the tray front wards by hand when the tray just comes out(⑨).



RXD-652/702/752/772S/852/A81/A601/A701

BLOCK DIAGRAM



RXD-A81
RXD-A601
RXD-A701
RXD-652/E/W
RXD-702/E/W
RXD-752/E/W
RXD-772S
RXD-852/E/W

CIRCUIT DESCRIPTION

1. Initialization

1-1 Setting of initial conditions

While pressing the [ENTER] key, put the plug into an AC power outlet.

1-2 Initializing operation

- A microcomputer is initialized for start when the AC power is turned on when pressing the [ENTER] key. At that time, CD mechanism and CASSETTE mechanism are also initialized.
- During the initial operation,the display shows INITIALIZE and after that it will be returned to STANDBY condition.

1-3 Initial items and back up data

	ITEMS	
AMP	*POWER	STANDBY
	*VOLUME	14
	*BALANCE	CENTER
	MUTING	OFF
	PROTECTION	OFF
	S. DIRECT	OFF
	SUPER WOOFER (RXD-752/E/W)	+3
	DISPLAY MODE	AUTO
	*AUTO POWER SAVE	OFF
	*MD/DVD INPUT LEVEL	-3
	*INPUT SEL. (LISTEM MODE)	TUNER
	DOLBY PROLOGIC	OFF
	DOLBY 3STEREO	OFF
	DOLBY VIRTUAL SURROUND	OFF
	CENTER SP.	EXIST(SMALL)
	SURROUND SP.	EXIST
	DELAY TIME	20 msec.
TUNER	*BAND	FM
	*FREQUENCY	LOWEST FREQUENCY
	*AUTO/MONO	AUTO
	*P.CH	--CH
CLOCK	*CLOCK	0:00 (E/T/Q) 12:00 (OTHERS)
	*PROG. RECORDING	ON/OFF TIME 0:00 (E/T/Q) 12:00 (OTHERS)
	*PROG. TIMER PLAY	ON/OFF TIME 0:00 (E/T/Q) 12:00 (OTHERS)
	*PROG. EXECUTION	OFF
	SLEEP TIMER	OFF
	O.T.T.	OFF
DECK	*DIRECTION	FORWARD
	*RVS MODE	REVERSE (U MODE)
	*A/B	B

*BACKED UP DATA

1-4 Mechanism initialization

1-4-1 CD mechanism

- Disc unclamps(traverse down).
- Rotary tray rotates(1/3 rotation).
- If a mechanism error occurs, CD ERR is indicated on the display.

1-4-2 DECK mechanism

- When initial condition becomes NG for the third time, decide the error. The error condition is displayed as X ERR on the display.

1-4-3 Error display

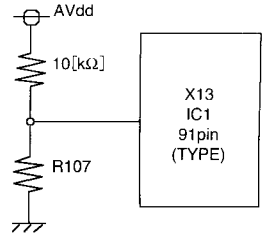
- If both mechanism (CD/DECK) error occur, the display is indicated as follows. CD & X ERR

2. Destination list of TUNER

Destination	Tuner type	BAND	Receiving frequency range	Channel space	IF	RF
K,P	K1	FM	87.5MHz~108.0MHz	100kHz	+10.7MHz	25kHz
		AM	530kHz~1700kHz	10kHz	+450kHz	10kHz
M,V,X,Y	K2	FM	87.5MHz~108.0MHz	100kHz	+10.7MHz	25kH
		AM	530kHz~1610kHz	10kHz	+450kHz	10kHz
M	K3	FM	87.5MHz~108.0MHz	100kHz	+10.7MHz	25kHz
		MW	530kHz~1610kHz	10kHz	+450kHz	10kHz
		SW	5.9MHz~17.9MHz	5kHz	+450kHz	5kHz
M,V,X,Y	E1	FM	87.5MHz~108.0MHz	50kHz	+10.7MHz	25kHz
		AM	531kHz~1602kHz	9kHz	+450kHz	9kHz
M	E3	FM	87.5MHz~108.0MHz	50kHz	+10.7MHz	25kHz
		MW	531kHz~1602kHz	9kHz	+450kHz	9kHz
		SW	5.9MHz~17.9MHz	5kHz	+450kHz	5kHz
E	E1 RDS	FM	87.5MHz~108.0MHz	50kHz	+10.7MHz	25kHz
		AM	531kHz~1602kHz	9kHz	+450kHz	9kHz
T	E2 RDS	FM	87.5MHz~108.0MHz	50kHz	+10.7MHz	25kHz
		MW	531kHz~1602kHz	9kHz	+450kHz	9kHz
		LW	153kHz~279kHz	9kHz	+450kHz	9kHz
Q	Q	FML	65.0MHz~74.0MHz	10kHz	+10.7MHz	5kHz
		FMH	87.5MHz~108.0MHz	50kHz	+10.7MHz	5kHz
		MW	531kHz~1602kHz	9kHz	+450kHz	9kHz
		LW	153kHz~279kHz	9kHz	+450kHz	9kHz

2-1 Discrimination of TUNER destination

Destination	R107 [Ω]	Voltage [V]
K	91k	4.51
M1	39k	3.98
M2	22k	3.44
T	13k	2.83
E	8.2k	2.25
Q	4.7k	1.60



3. Test mode

3-1 Test mode of the receiver

3-1-1 Setting of the test mode

While pressing the [INPUT] key or [EX. BASS or S. WOOFER] key, put the plug into an AC power outlet.

3-1-2 Canceling of the test mode

Unplug an AC power cord from an AC power outlet.

3-1-3 Selector mode or FL indication

KEY	SELECTOR MODE	FL INDICATION
[EX.BASS] + AC ON	TUNER	• All the fluorescent display indicators and LEDs light on. • STANDBY and TIMER LEDs blink up. • The all illminated state is cleared by pressing any main unit keys or remocon keys.
[S.WOOFER] +AC ON		
[INPUT] + AC ON	AUX	• AUX TEST

CIRCUIT DESCRIPTION

3-1-4 Basic operation in test mode

(1) The muting during mode selection is not controlled in the test mode.

(2) The test mode is cancelled when the AC power is turned off.

(3) The operation of the keys in the test mode as follows.

3-1-5 The operation of the keys in the test mode

(1) common (TUNER. AUX mode.)

KEY	FUNCTION
Display/DEMO	FL&LEDs ON/OFF
REV. MODE DOLBY NR or TAPE EQ REC/ARM	Volume 1 Volume 28 Volume MAX
A/B	REC level H←→L
DISC 3	BALANCE LEVEL → Lch MAX → Rch MAX → Center ←

(2) TUNER mode

KEY	FUNCTION
TAPE ■	10STEP P.CALL UP. → 10 → 20 → 30 → – – (00) ←
TAPE ▷ TAPE ◁	P.CALL DOWN P.CALL UP
DISC SKIP	S.LEVEL ATT. → ATT Off → ATT On → FREQUENCY (NORMAL) ←
OPEN/CLOSE	(M TYPE) CHANNEL SPACE/EMPHASIS

(3) AUX mode (AMP,GE)

	KEY	FUNCTION
	DISC 2	DVD OUTPUT Level O (MAX)←→ -7
	DISC 1	EQ ALL BAND → MAX → MIN → FLAT→
	DISC SKIP	MUTE ON/OFF (FL "TESTMODE" blink up)
	* TAPE ■	S.direct ←→ Effect off
	* TAPE ▷	DOLBY SURROUND MODE → pro logic → 3 stereo → Effect off (2ch) ←Virtual ← surround
SURROUND MODE ONLY	* TAPE ◁	CENTER MODE → nomal → wideband → phantom ←
	* TAPE ▶▶ * TAPE ◀◀	CENTER LEVEL up CENTER LEVEL DOWN
	* CD ▷/▯▯ * CD ■	SURROUND LEVEL UP SURROUND LEVEL DOWN
	* TUNING MODE	DELAY TIME 20ms → 30ms ←→ 15ms
	** BACK	3D Level → Level 1 → Level 2 → Effect off ←
	** OPEN/ CLOSE	SUPER WOOFER Level → Level 3 → Level 5 (MAX) → Level off (MIN) ←

* USED RXD-652/E/W
RXD-852/E/W
RXD-A601/A701

** EXCEPT USED
RXD-652/E/W
RXD-852/E/W
RXD-A601/A701

3-2 Test mode of cassette deck

3-2-1 Setting of the test mode

While pressing the [deck play] key, put the plug into an AC power outlet.

3-2-2 Canceling of the test mode

Unplug an AC power cord from an AC power outlet.

3-2-3 Condition in test mode

(1) Initial condition
- DOLBY-0FF
- AUDIO-MUTE OFF

(2) Mechanism SW detection

	DISPLAY
A pack SW	E.Q
A -CRO2	PROG.12
B-FWD	O.T.T
B pack SW	AUTO
B-CRO2	ST
B-RVS	ANTENNA

(3) 4-sec recording

If the REC key is pressed, the system record for 4 sec. Then, it rewinds to the recording starting position and plays back automatically.

If the REC key is pressed, during the 4-sec recording operation, the system records further for 4-sec, then return to the starting position of the first 4-sec recording operation and plays back.

(4) TUNING MODE key

REC Level H←→L

3-3 Test mode of CD player

3-3-1 Setting of the test mode

While the pressing the [CD PLAY/PAUSE] key, put the plug into an AC power outlet.

3-3-2 Canceling the test mode

Press the stop key on stop mode or unplug the AC cord from an AC power outlet.

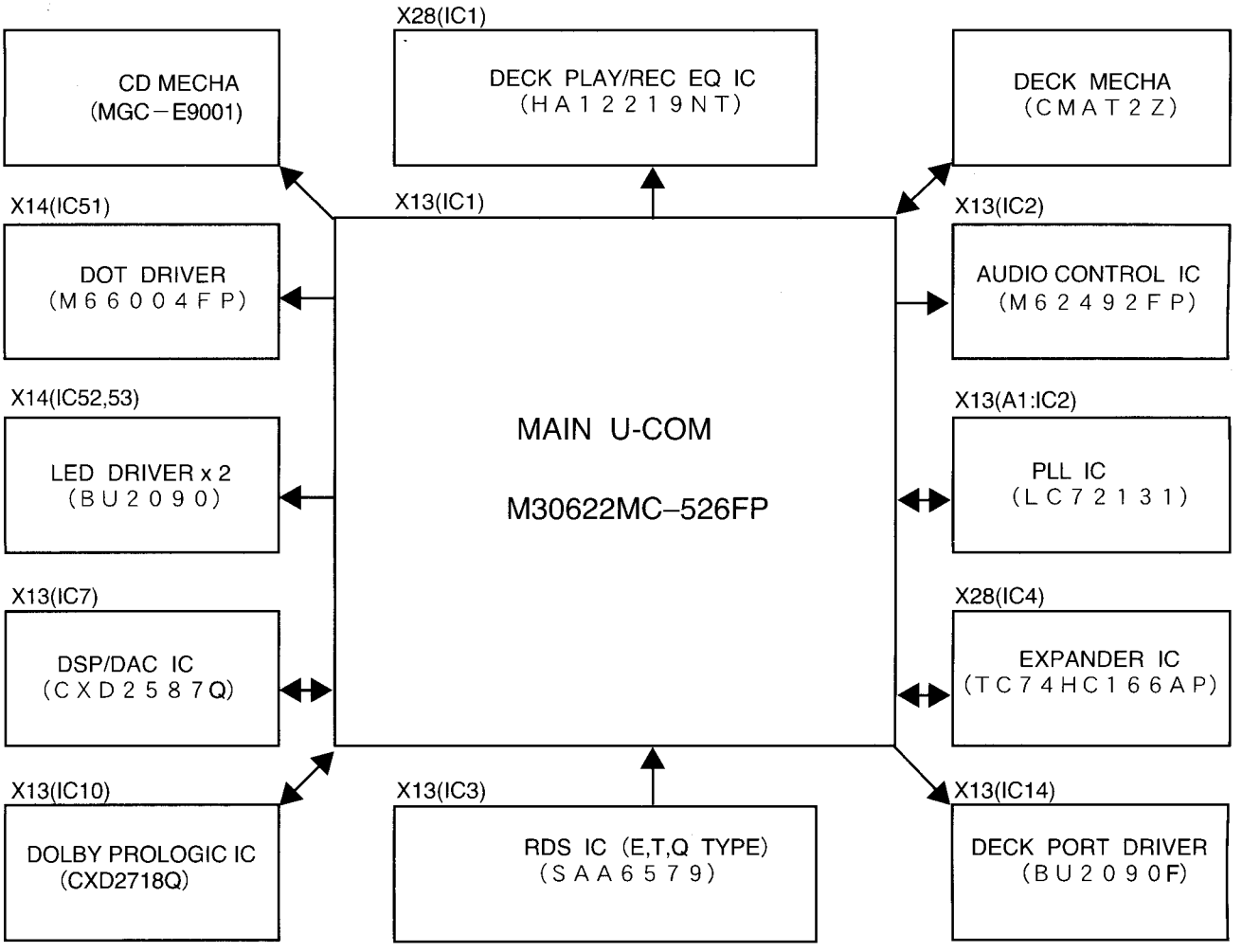
3-3-3 The operation of the keys in the test mode.

KEY	DISPLAY	OPERATION
PLAY/PAUSE +AC IN	CD TEST	• Setting of the test mode. • Tray 1/3 rotation. • Tray opens automatically.
STOP	0	• Tray closes. • Change or cancel the test mode.
PLAY/PAUSE	03 --:-- 05**:**	• Tray closes/disc clamps. • T-servo off(03) or on (05).
◀◀	FINISH	• Tray 1/3 rotation.
DISC3	07 EF/FB 08 TG/FG 09 TE/RF 10 TE/VC	• Mechanism stops when the automatic adjustment is finished. • Display changes cyclically. • If NG, display blinks up.
DISC2	216**:**	• Tray closes. • Disc2 clamps. • Plays track 16.
DISC1		• Tray closes/disc clamps. • Plays track 32.

CIRCUIT DESCRIPTION

4. Main microprocessor M30622MC-526FP (X13:IC1)

4-1 Microprocessor periphery block diagram



4-2 VOLTAGE KEY MATRIX

INPUT VOLTAGE		KEY1	KEY2	KEY3
(V)	(HEX)	Pin97	Pin95	Pin94
0.00~0.26	00H~0DH	DISC SKIP	BAND	TUNING
0.27~0.81	0EH~29H	DISC2	EX. BASS (SW)	DISP./DEMO
0.82~1.37	2AH~46H	CD STOP	ENTER	INPUT
1.38~1.94	47H~63H	OPEN/CLOSE	RWD	SELECT
1.95~2.51	64H~80H	A/B	FF	RVS. MODE
2.52~3.07	81H~9DH	FWD PLAY	PLAY/PAUSE	TAPE STOP
3.08~3.62	9EH~B9H	RVS PLAY	DISC1	REC
3.63~4.16	BA~D5H	DOLBY(T.EQ.)	POWER	DISC3
4.17~4.73	D5~F2H	NO KEY	MENU	BACK
4.74~5.00	F3H~FFH	KEY OFF	KEY OFF	KEY OFF

CIRCUIT DESCRIPTION

4-3 Pin description

Pin	Name	I/O	Connect	Description
1	D-DATA	O	PD	DOLBY DIGITAL IC (CXD2724Q) DATA OUTPUT
2	D-CLK	O	–	DOLBY DIGITAL IC (CXD2724Q) CLOCK OUTPUT
3	PLLDATA	O	PD	PLL IC DATA (LC72131)
4	ST	I	PU	STEREO INPUT
5	PLLCE	O	PD	PLL IC CE (LC72131)OUTPUT
6	RDSDATA	I	PD	RDS DATA (SAA6579)INPUT
7	PLLCLK	O	PD	PLL IC CLOCK (LC72131)OUTPUT
8	BYTE	I	VSS	8/16 BIT CHANGEOVER
9	CNVSS	–	VSS	GND
10	XCIN	–	–	TIMER CLOCK INPUT(32.768kHz)
11	XCOUT	–	–	TIMER CLOCK OUTPUT (32.768kHz)
12	RESET	I	PU	uCOM RESET H:NORMAL L:RESET
13	XOUT	–	–	MAIN CLOCK OUTPUT 10MHz (CERAMICS)
14	VSS	–	VSS	GND
15	XIN	–	–	MAIN CLOCK OUTPUT 10MHz (CERAMICS)
16	VCC	–	VCC	+5V
17	NC	I	VCC	NOT USED(+5V)
18	REM	I	PD	REMOCON SIGNAL INPUT
19	RDSCLK	I	PD	RDS CLOCK (SAA6579)
20	SCOR	I	PD	SUB CODESYNCHRONISUM SIGNAL INPUT (CXD2587) L→H: THRUST
21	LEDDT3	O	PD	LED DRIVER IC(BU2090) DATA3 OUTPUT
22	LOSW	I	PD	CD LOAD(CLOSE) SW
23	UNLOSW	I	PD	CD UNLOAD(OPEN) SW
24	RTL	O	PD	CD MOTOR CONTROL OUTPUT(LEFT)
25	BRKM	O	PD	CD MOTOR CONTROL OUTPUT(BREAK)
26	CLOSE	O	PD	CD MOTOR CONTROL OUTPUT(CLOSE)
27	OPEN	O	PD	CD MOTOR CONTROL OUTPUT(OPEN)
28	SQCK	O	PD	SUB CODE CLOCK(CXD2587)
29	SQSO	I	PD	SUB CODE INPUT(CXD2587)
30	NC	O	PU	NOT USED
31	FLDATA	O	PD	FL DOT DRIVER(M66004FP) DATA
32	CE	I	PU	BACK UP CE H:AC ON L: AC OFF
33	FLCLK	O	PD	FL DOT DRIVER(M66004FP) CLOCK
34	FLCS	O	PD	FL DOT DRIVER(M66004FP) STROBE
35	RTR	O	PD	MOTOR CONTROL OUTPUT (RIGHT)
36	TDSW	I	PU	TRAVERSE DOWN SW
37	TUSW	I	PU	TRAVERSE UP SW
38	PHTR	I	PU	CD MECHA STOP SW
39	PSSW	I	PU	POSITION & DISC DETECT SW
40	XRST	O	PU	DSP RESET(CXD2587)
41	FL RESET	O	PD	FL DOT DRIVER (M66004FP) RESET
42	DCOFF	O	PD	DSP POWER ON/OFF(CXD2587) H:ON L:OFF
43	MON	O	PD	DISC MOTOR ON/OFF SW OUTPUT
44	LCD	O	PU	LASER SIGNAL OUTPUT(ON/OFF) L : ON H : OFF
45	SCLK	O	PD	SENS READ CLOCK OUTPUT
46	SENS	I	PD	CD DSP SENS INPUT(CXD2587)
47	CLOK	O	PD	CD DSP CLOCK OUTPUT (CXD2587)
48	XLAT	O	PD	DSP LATCH OUTPUT(CXD2587)
49	CDDATA	O	PD	DSP DATA OUTPUT(CXD2587)
50	EVCLK	O	PD	SOUND CONTROL IC(M62492FP)CLOCK
51	EVLAT	O	PD	SOUND CONTROL IC(M62492FP)STROBE
52	EVDATA	O	PD	SOUND CONTROL IC(M62492FP)DATA
53,54	A-JOG1,2	I	PU	JOG A (SOUND CONTROL)INPUT1,2
55,56	B-JOG1,2	I	PU	JOG B (MULTI CONTROL)INPUT1,2
57,58	ENC1,2	I	PU	VOLUME ENCODER INPUT1,2
59	LEDCLK	O	PD	LED DRIVER IC(BU2090) CLOCK OUTPUT
60,61	LEDDT1,2	O	PD	LED DRIVER IC(BU2090) DATA1,2 OUTPUT
62	VCC	–	VCC	POWER SUPPLY(+5V)
63	SR-LIMIT	O	PU	CENTER/SURROUND(SUPER WOOFER) SP RELAY CONTROL H:ON L:OFF
64	VSS	–	VSS	GND
65	B-PH	I	PD	B DECK REEL SENSOR INPUT
66	A-PH	I	PU	A DECK REEL SENSOR INPUT
67	A/B2	O	PD	DECK A/B CHANGEOVER CONTROL1
68	A/B1	O	PD	DECK A/B CHANGEOVER CONTROL2
69	PLLDO	I	PU	PLL IC(LC72131) DATA INPUT
70	D-RST	O	PU	DOLBY DIGITAL IC(CXD2724Q) RESET OUTPUT
71	D-REDY	I	PU	DOLBY DIGITAL IC(CXD2724Q) READY INPUT
72	D-XLAT	O	PD	DOLBY DIGITAL IC(CXD2724Q) LATCH OUTPUT
73	HP-DET-IN	I	PD	HEAD PHONE DETECT INPUT H:OFF L:ON
74	BIAS	O	PD	BIAS ON/OFF CHANGEOVER CONTROL H:ON L:OFF
75	R/P	O	PD	R/P CHANGEOVER CONTROL H:REC L:PLAY
76	B.SOL	O	PD	B DECK SOLENOID CONTROL
77	CPM	O	PD	DECK MOTOR CONTROL
78	PSCLK	O	PD	EXPANDER IC(HD74HC166P) CLOCK OUTPUT
79	PSIN	I	PD	EXPANDER IC(HD74HC166P) DATA OUTPUT
80	PSLOAD	O	PD	EXPANDER IC(HD74HC166P) DATA LOAD OUTPUT
81	AMUTE	O	PD	AUDIO MUTE
82	ATT	O	PD	10dB ATTENUATOR L: ON H : OFF
83	POWER	O	PD	POWER RELAY CONTROL H: ON
84	PROTECT	I	PD	PROTECT DETECT (VOLTAGE DETECT) L: OFF H:ON
85	SPRELAY	O	PD	SPEAKER RELAY CONTROL H: ON
86	STBY-LED	O	PD	STANDBY LED CONTROL H:ON L:OFF
87	TIMER-LED	O	PD	TIMER LED CONTROL H:ON L:OFF
88	A.SOL	O	PD	A DECK SOLENOID CONTROL
89	SPEANA	I	PD	AUDIO SIGNAL INPUT(A-D)
90	MODEL	I	PD	MODEL DISTINCTION INPUT(A-D) 3.5up:XD-752 1.0 down:XD-652 Other:XD-852
91	TYPE	I	PD	TUNER DESTINATION DISTINCTION INPUT(A-D)
92	DPSS	I	PD	DPSS INPUT(A-D)
93	SLEVEL	I	PD	RDS S LEVEL INPUT
94,95	KEY3,2	I	PU	A-D KEY INPUT 3,2
96	AVSS	–	VSS	GND
97	KEY1	I	PU	A-D KEY INPUT 1
98	VREF	–	–	A-D CONVERTER REFERENCE VOLTAGE (+5V)
99	AVCC	–	VCC	A-D CONVERTER POWER SUPPLY(+5V)
100	SD	I	PU	SD INPUT

ADJUSTMENT

Tuner adjustment

X04-1313Q TYPE (65MHz~74MHz BAND)

NO.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
1	VCO	(C) 69 MHz, 70 dBf (ANT INPUT) 1 kHz, 0 kHz DEV SUB, 0 kHz DEV	Connect a frequency counter to VCO monitor X04 (CN2).	AUTO 69 MHz	VR 2	Adjust it the frequency counter reads 31.25 kHz ±100 Hz.	(a)
2	RESONANCE POINT	(C) 69 MHz, 70 dBf (ANT INPUT) 1 kHz, 40 kHz DEV SUB, 10 kHz DEV Select : L or R	Connect a oscilloscope to TUNER OUT(CN6).	AUTO 69 MHz	TC 1	Minimum crosstalk.	(a)
3	SEPARATION	(C) SAME AS ABOVE	Connect a oscilloscope to TUNER OUT(CN6).	AUTO 69 MHz	VR 1	Minimum crosstalk.	(a)

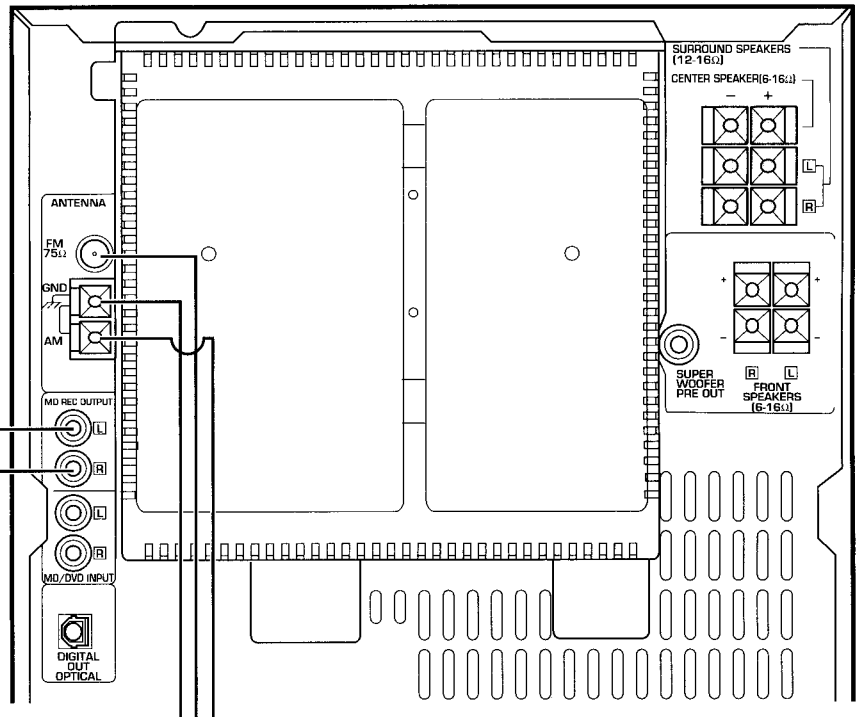
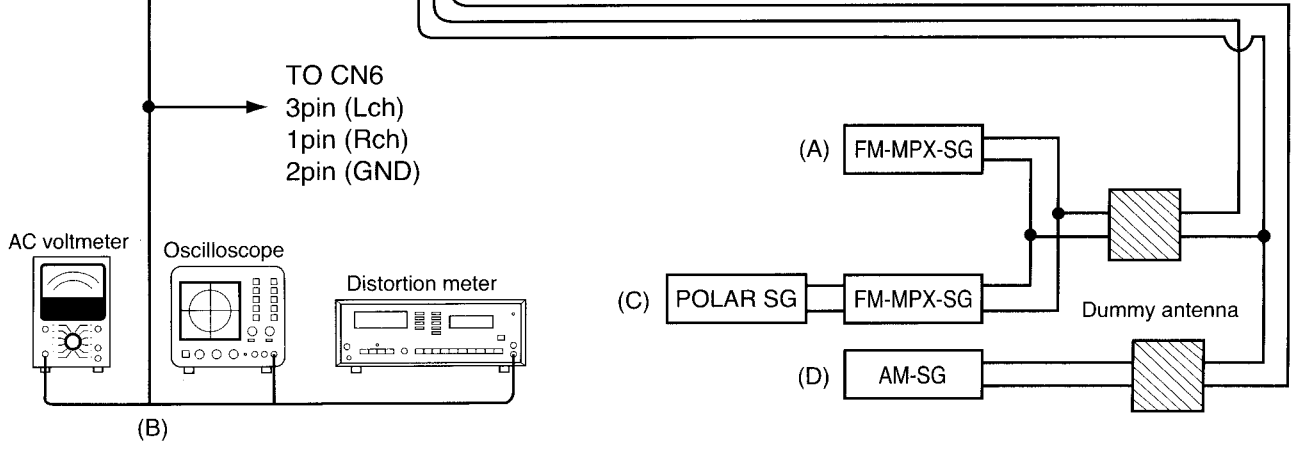


Fig (a)



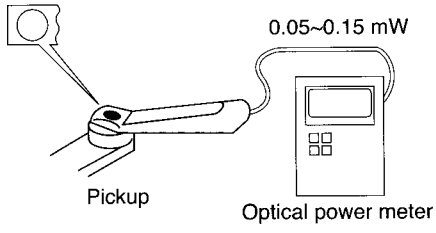
ADJUSTMENT

CD player adjustment

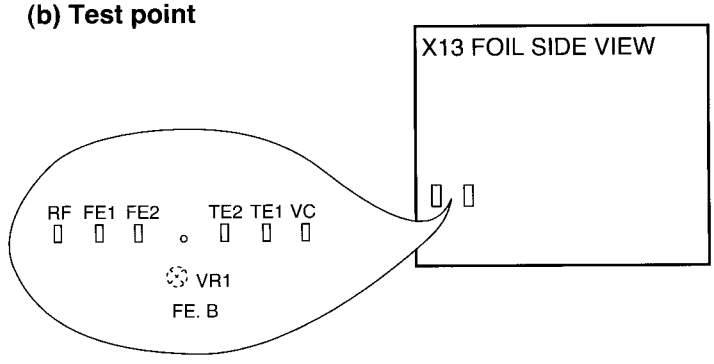
No.	ITEM	INPUT SETTING	OUTPUT SETTING	PLAYER SETTING	ALIGNMENT POINT	ALIGN FOR	FIG.
Step 1,2 are in TEST MODE **TEST MODE : While pressing the [CD PALY] key, plug the AC power cord into the AC power wall outlet.**							
1	LASER POWER	–	Set the senor section of the optical power meter on the pickup lens.	Press the"PLAY"key to check that the display is "03".	–	On the power from.0.05 to 0.15mw. when the diffraction grating is correctly aligned with the RF level of 0.8Vp-p or more	(a)
2	FOCUS ERROR BIAS	Test disc Type 4	Connect an oscilloscope as follows. CH1 : RF CH2 : FE1 GND : VC	Press the "PLAY" key. Confirm that the display is"05"	FE BIAS VR1	Optimum eye pattern (DC=±330mV)	(b) (d)

Note:
Type 4disc :SONY YEDS-18 Test Disc or equivalent. (KTD-02)
LPF : Around 47kΩ + 390pF or so.

(a) Laser Power

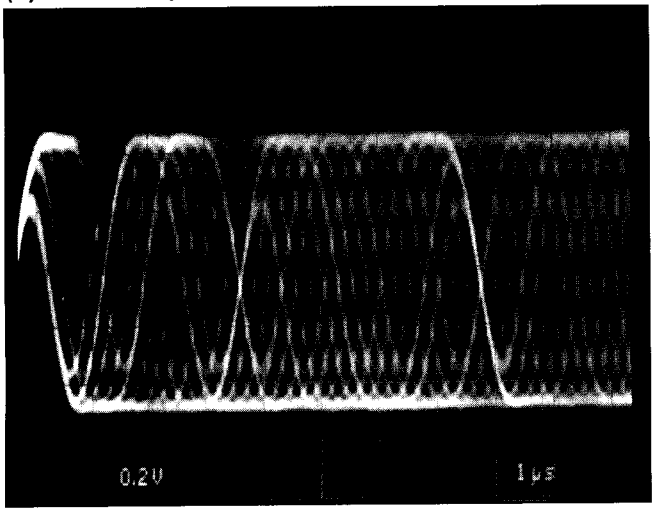


(b) Test point



(d)

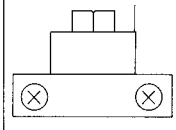
RF signal : AC coupled

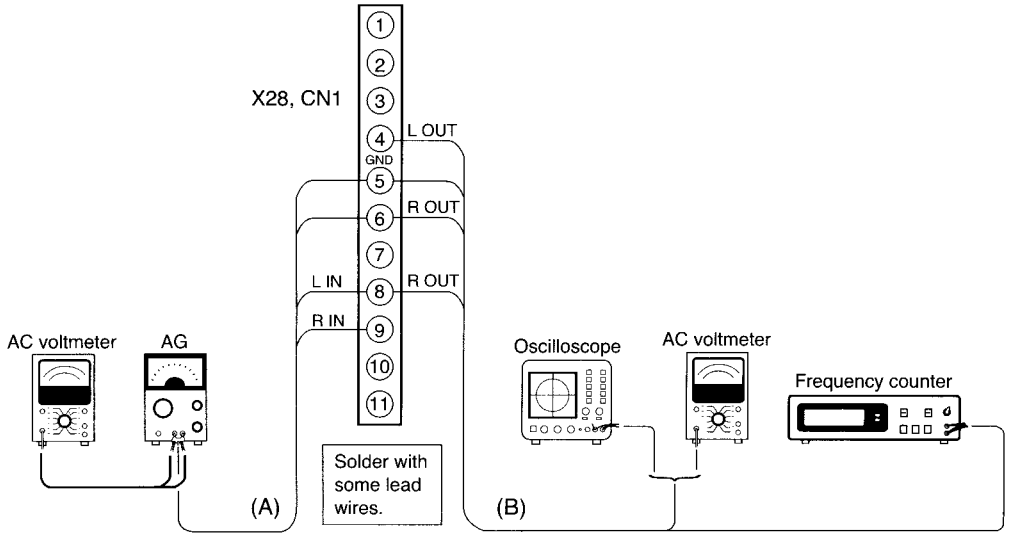


- RF signal in test mode (PLAY).
- Perform the tangential and focusing offset are focused into one point on the display. The crossing points above and below the center shall also be looked clearly.

ADJUSTMENT

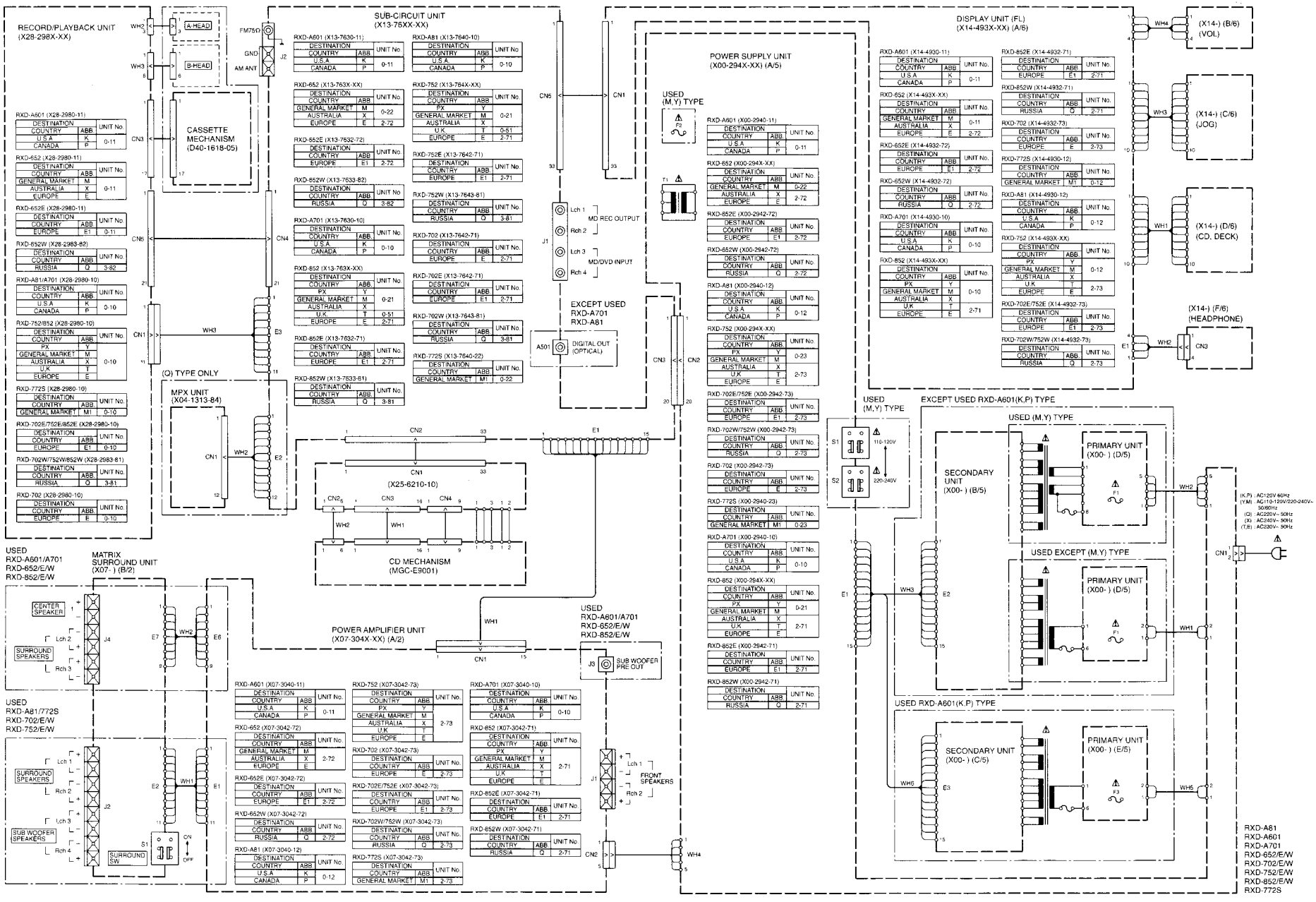
Cassette Deck adjustment

No	ITEM	INPUT SETTING	OUTPUT SETTING	DECK SETTING	ALIGNMENT POINT	ALIGN FOR	FIG.
Unless otherwise specified, set the respective switches as follows: TAPE : NORMAL DOLBY : OFF PLAY OUT : Lch (X28,CN6④pin), Rch (X28,CN6⑥pin) 0dBs=0.775V							
Ⅰ. Cassette mechanism unit (Adjustment of the REC / PLAY head)							
〈1〉	Demagnetization and cleaning	—	—	Demagnetization: POWER OFF Cleaning: PLAY	Recording head, erase head,capstan pinch roller	Demagnetize the REC / PLAY head with the head eraser.Clean the REC / PLAY head, erase head,capstan and pinch roller using a cotton swab slightly damped with alcohol.	
〈2〉	Azimuth of the REC/PLAY head	TCC–153 MTT–114 10kHz, – 10dB	(B)	PLAY	 FWD RVS	Adjust the output to maximum and adjust the azimuth adjustment screw for the Lissajours waveform pattern of the oscilloscope to become close to a 45° straight line.	
Ⅱ. PC BOARD ADJUSTMENT							
〈1〉	TAPE SPEED(NORMAL)	TCC–110 MTT–111 SCC–1727 3kHz	(B)	PLAY	A/B DECK VR 5	Adjust the tape speed so that 3kHz is obtained at the center of the tape.	
Ⅲ. PC BOARD ADJUSTMENT							
〈1〉	PLAYBACK LEVEL	MTT-256U, TCC-160 315Hz, 0dB	(B)	PLAY	A DECK VR 1 (L) VR 2 (R) B DECK VR 7 (L) VR 8 (R)	Adjust the playback output to -6.0dBs	
〈2〉	BIAS CURRENT	(A) Adjust the AG for the output of the DECK to become 1kHz(-30dBs)/ 10kHz(-30dBs).	(B)	Adjust the REC VR level so that the line out is -2.6dBs at 1kHz, and record and playback 1kHz/10kHz alternately.	VR 3 (L) VR 4 (R)	Record 1kHz and 10kHz alternately, and adjust the bias current adjustment potentiometer for the playback levels to become the same.	



RXD-652/702/752/772S/852/A81/A601/A701

WIRING DIAGRAM

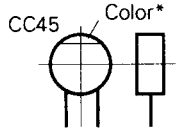


PARTS DESCRIPTIONS

CAPACITORS

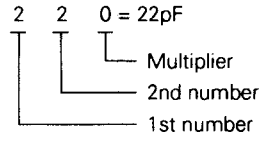
CC 45 TH 1H 220 J
1 2 3 4 5 6

1 = Type ... ceramic, electrolytic, etc.
2 = Shape ... round, square, ect.
3 = Temp. coefficient
4 = Voltage rating
5 = Value
6 = Tolerance



• Capacitor value

010 = 1pF
100 = 10pF
101 = 100pF
102 = 1000pF = 0.001μF
103 = 0.01μF



• Temperature coefficient

1st Word	C	L	P	R	S	T	U
Color*	Black	Red	Orange	Yellow	Green	Blue	Violet
ppm/°C	0	-80	-150	-220	-330	-470	-750

2nd Word	G	H	J	K	L
ppm/°C	±30	±60	±120	±250	±500

Example : CC45TH = -470 ± 60ppm/°C

• Tolerance (More than 10pF)

Code	C	D	G	J	K	M	X	Z	P	No code
(%)	±0.25	±0.5	±2	±5	±10	±20	+40 -20	+80 -20	+100 -0	More than 10μF -10 ~ +50 Less than 4.7μF -10 ~ +75

(Less than 10pF)

Code	B	C	D	F	G
(pF)	±0.1	±0.25	±0.5	±1	±2

• Voltage rating

1st word \ 2nd word	A	B	C	D	E	F	G	H	J	K	V
0	1.0	1.25	1.6	2.0	2.5	3.15	4.0	5.0	6.3	8.0	-
1	10	12.5	16	20	25	31.5	40	50	63	80	35
2	100	125	160	200	250	315	400	500	630	800	-
3	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000	-

• Chip capacitors

(EX) C C 7 3 F S L 1 H 0 0 0 J
1 2 3 4 5 6 7
(Chip) (CH, RH, UJ, SL)

(EX) C K 7 3 F F 1 H 0 0 0 Z
1 2 3 4 5 6 7
(Chip) (B, F)

Refer to the table above.
1 = Type
2 = Shape
3 = Dimension
4 = Temp. coefficient
5 = Voltage rating
6 = Value
7 = Tolerance

Dimension (Chip capacitors)

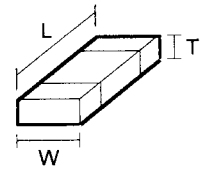
Dimension code	L	W	T
Empty	5.6 ± 0.5	5.0 ± 0.5	Less than 2.0
A	4.5 ± 0.5	3.2 ± 0.4	Less than 2.0
B	4.5 ± 0.5	2.0 ± 0.3	Less than 2.0
C	4.5 ± 0.5	1.25 ± 0.2	Less than 1.25
D	3.2 ± 0.4	2.5 ± 0.3	Less than 1.5
E	3.2 ± 0.2	1.6 ± 0.2	Less than 1.25
F	2.0 ± 0.3	1.25 ± 0.2	Less than 1.25
G	1.6 ± 0.2	0.8 ± 0.2	Less than 1.0

RESISTORS

• Chip resistor (Carbon)

(EX) R K 7 3 E B 2 B 0 0 0 J
1 2 3 4 5 6 7
(Chip) (B,F)

Dimension



• Carbon resistor (Normal type)

(EX) R D 1 4 B B 2 C 0 0 0 J
1 2 3 4 5 6 7

1 = Type
2 = Shape
3 = Dimension
4 = Temp. coefficient
5 = Rating wattage
6 = Value
7 = Tolerance

Dimension (Chip resistor)

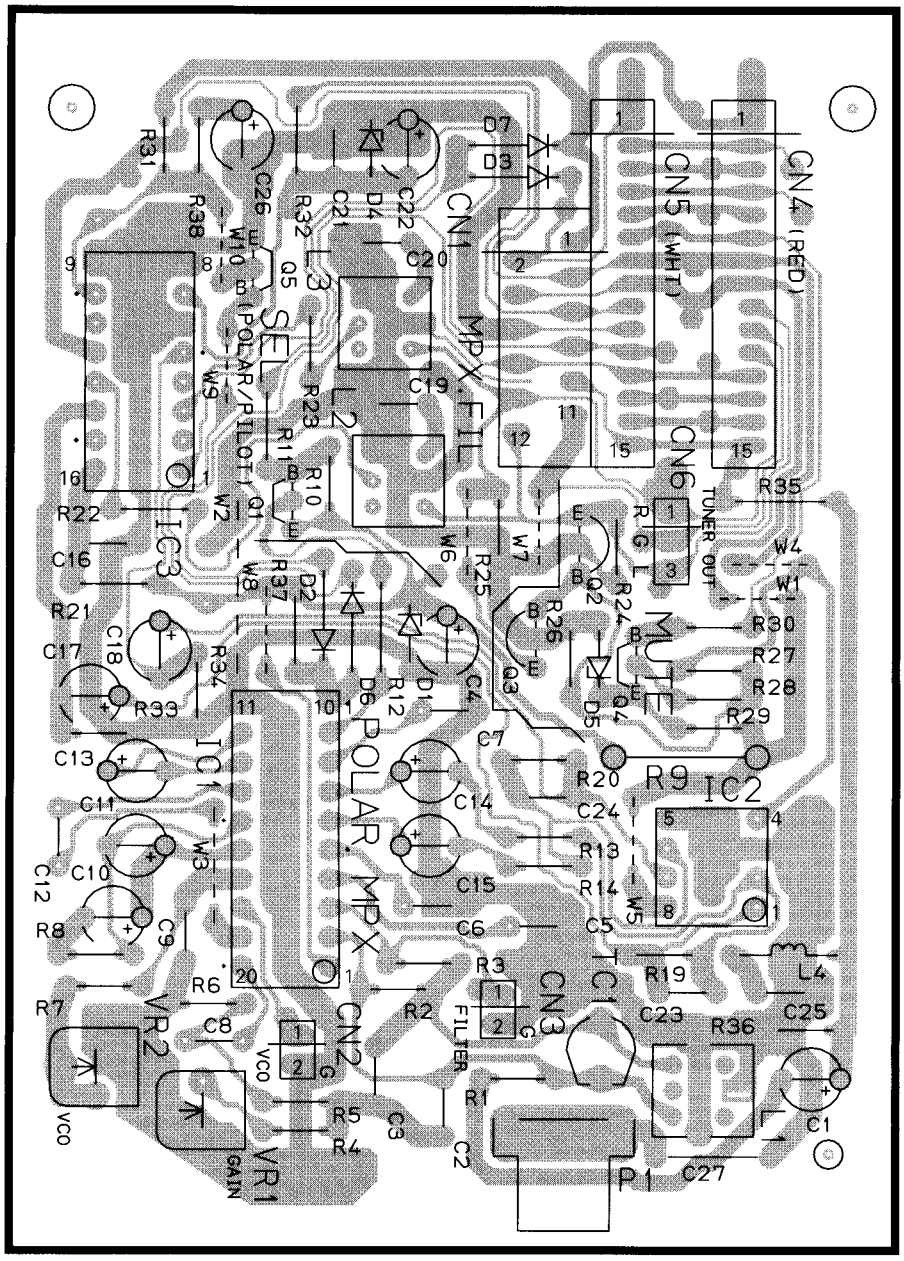
Dimension code	L	W	T
E	3.2 ± 0.2	1.6 ± 0.2	1.0
F	2.0 ± 0.3	1.25 ± 0.2	1.0
G	1.6±0.2	0.8±0.2	0.5±0.1

Rating wattage

Code	Wattage	Code	Wattage	Code	Wattage
1J	1/16W	2C	1/6W	3A	1W
2A	1/10W	2E	1/4W	3D	2W
2B	1/8W	2H	1/2W		

PC BOARD(Component side view)

MPX UNIT
X04-1313-8X

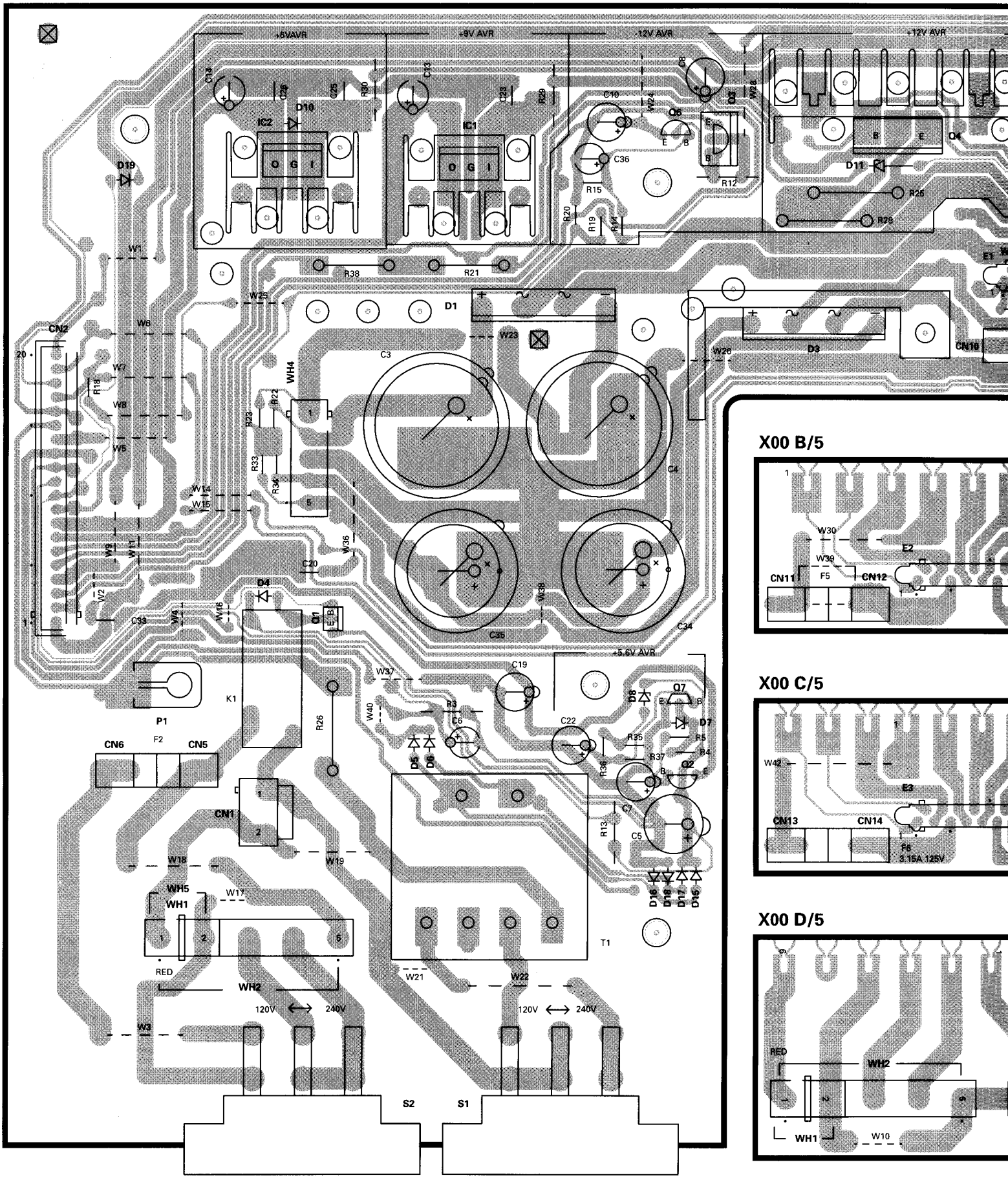


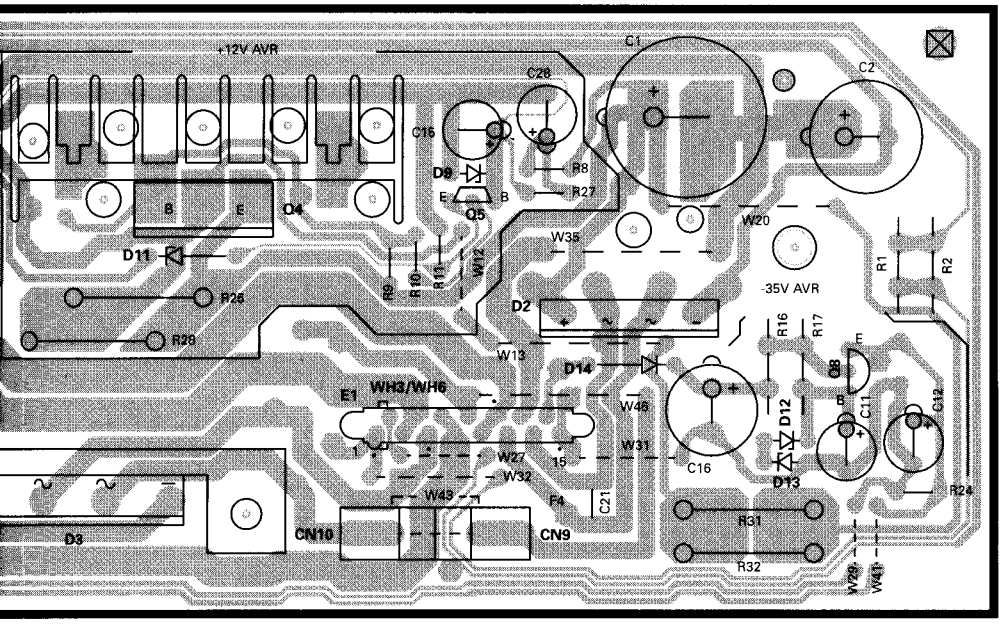
Refer to the schematic diagram for the value of resistors and capacitors.

BOARD(Component side view)

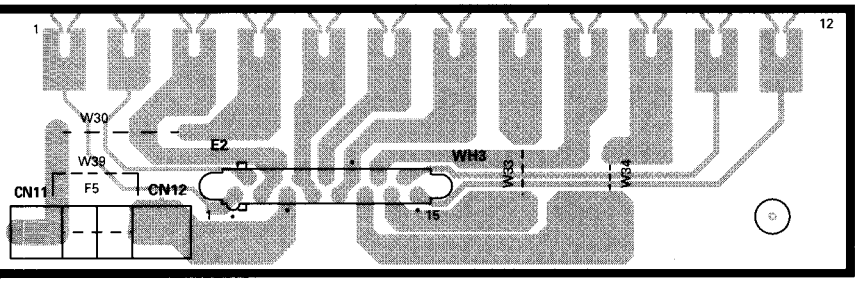
POWER SUPPLY UNIT

X00-2940-10 A/5 (J70-1298-11)

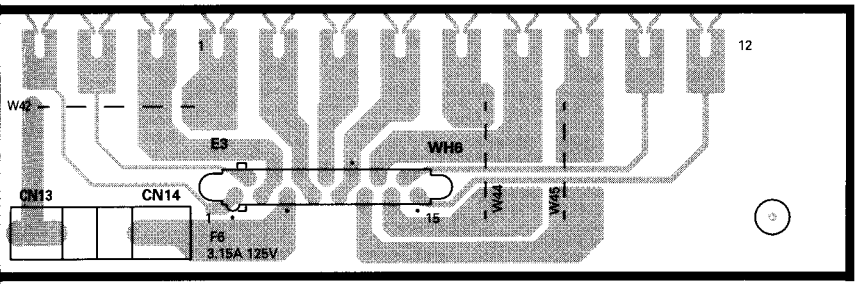




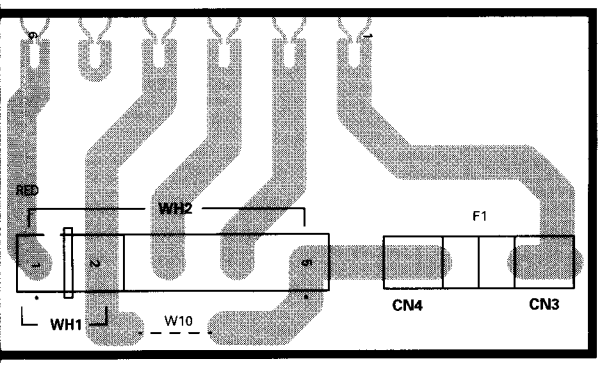
X00 B/5



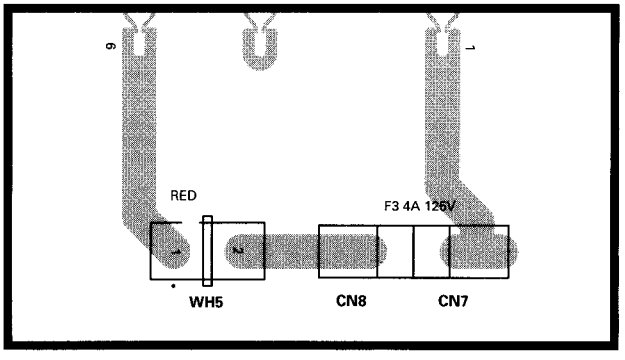
X00 C/5



X00 D/5



X00 E/5

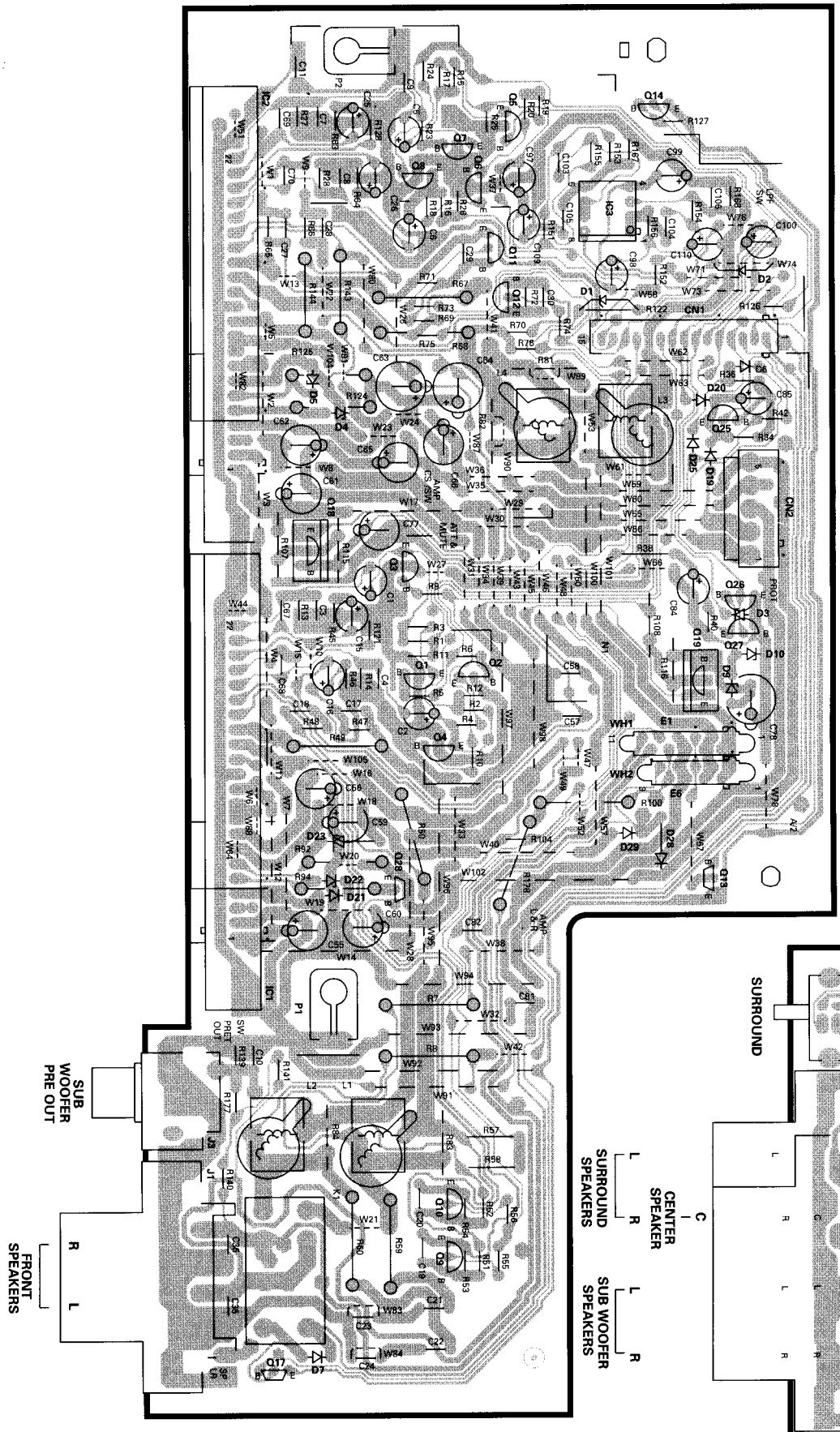


Refer to the schematic diagram for the value of resistors and capacitors.

PC BOARD(Component side view)

POWER AMPLIFIER UNIT

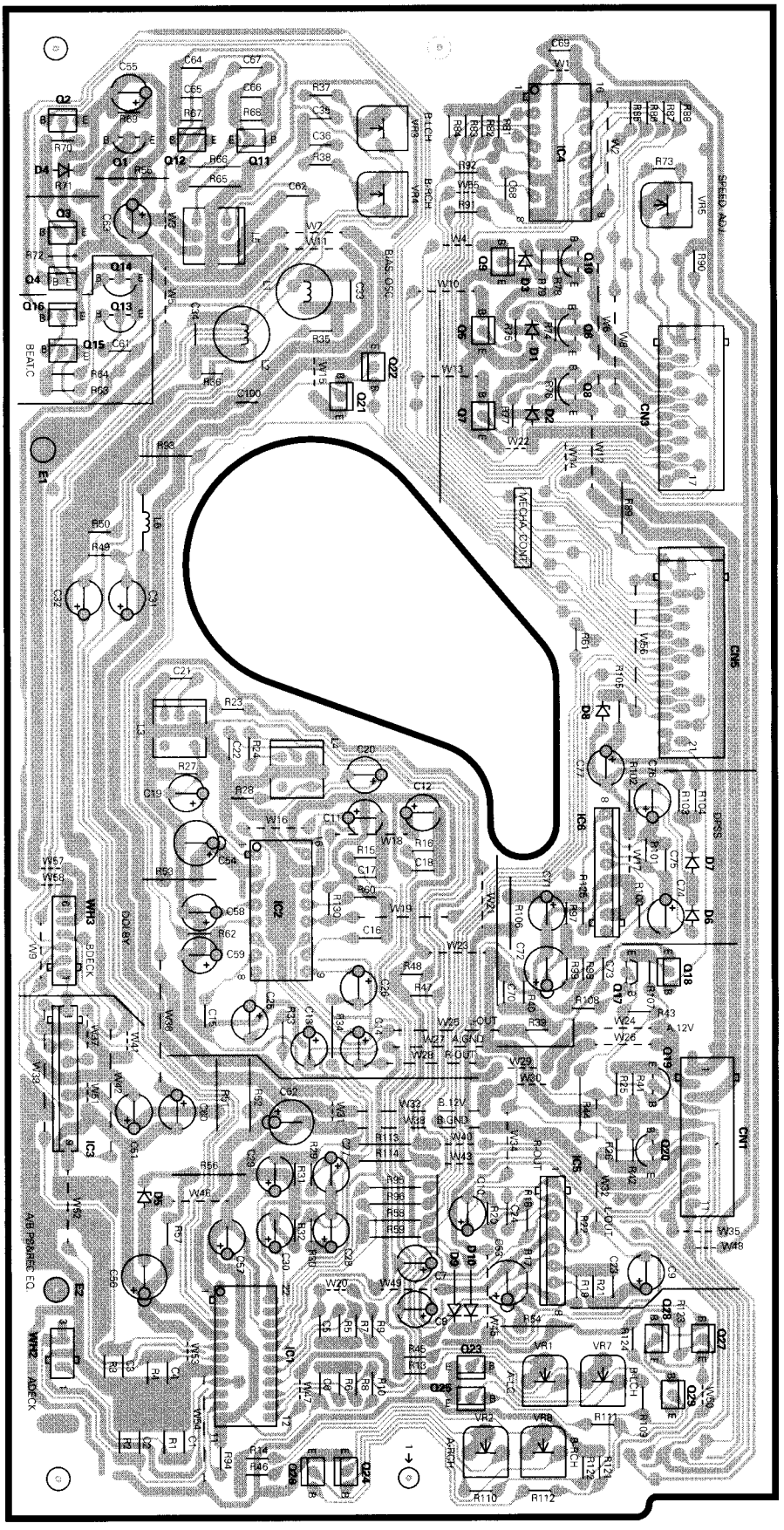
X07-3040-10 A/2 (J70-1300-11)



Refer to the schematic diagram for the value of resistors and capacitors.

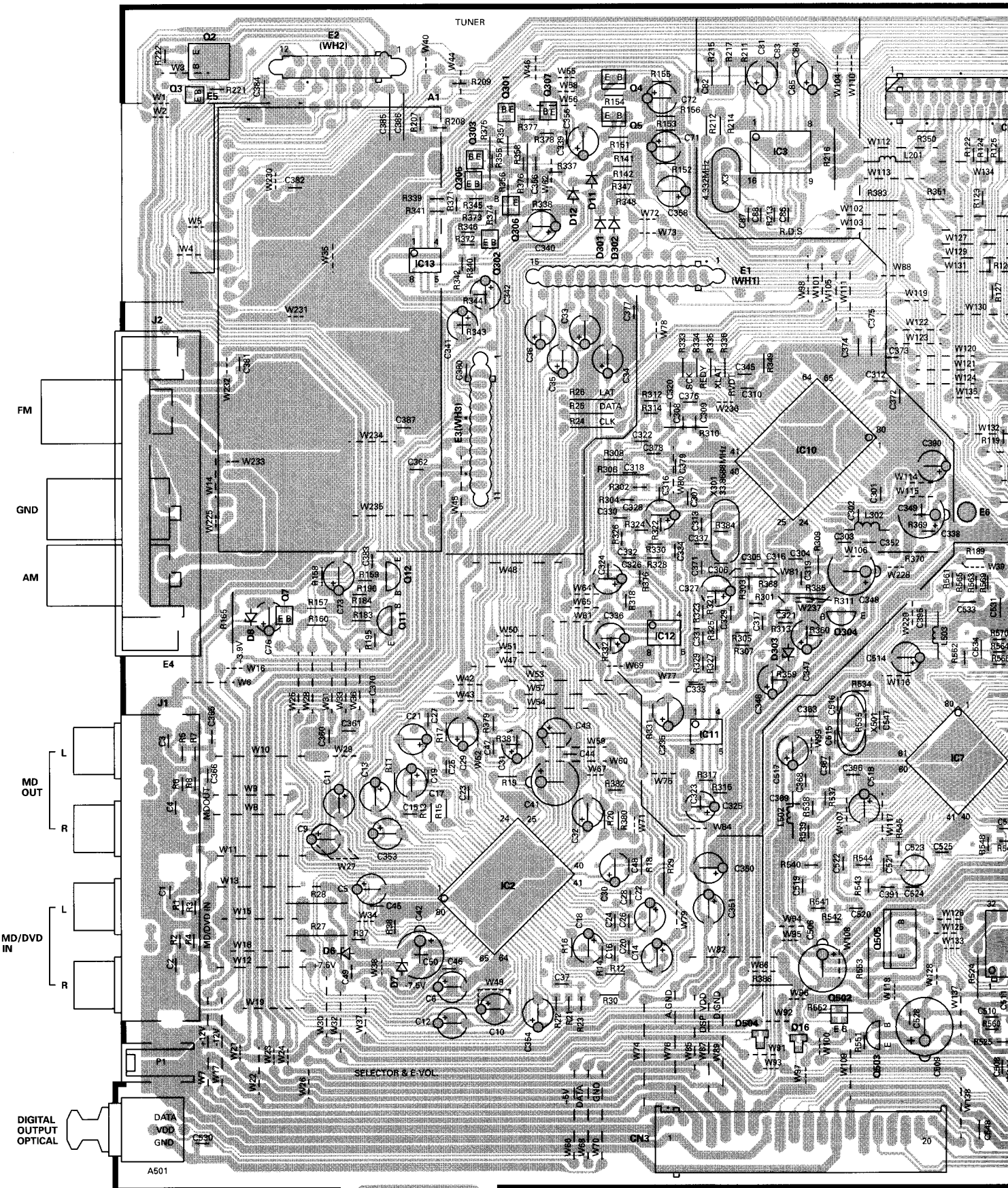
RECORD/PLAYBACK UNIT

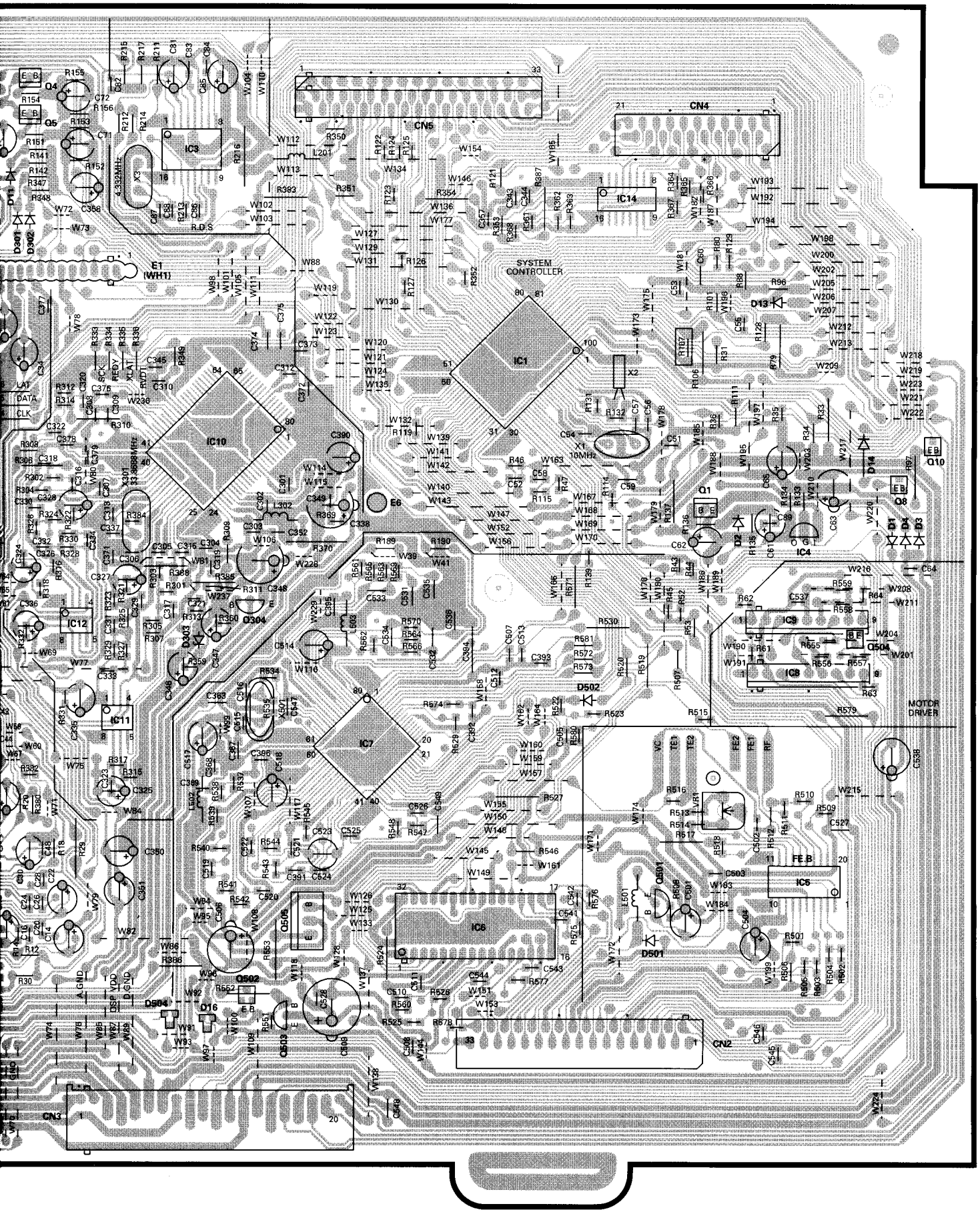
X28-298X-XX



BOARD(Component side view) SUB-CIRCUIT UNIT

X13-7630-10 (J70-1294-11)

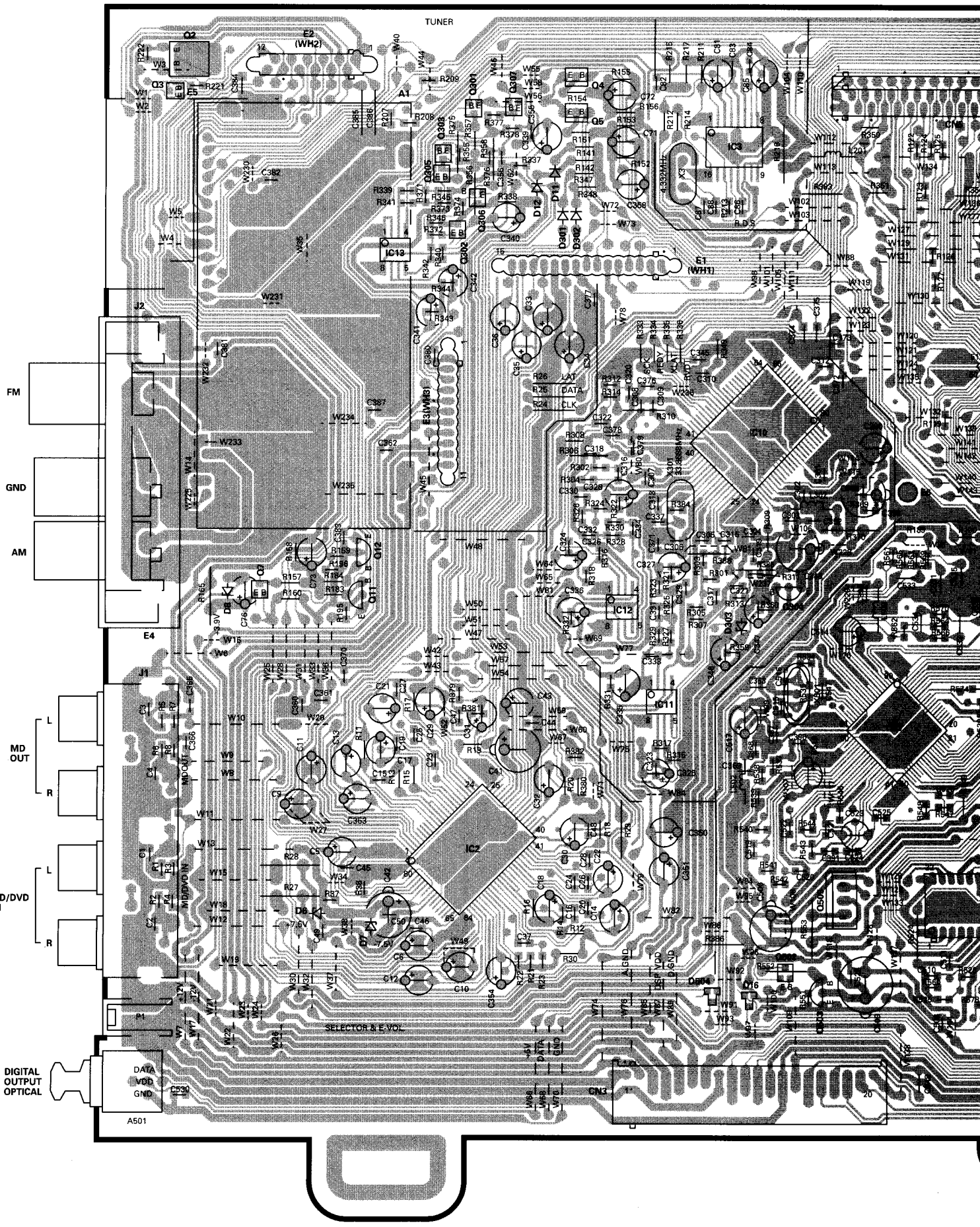




Refer to the schematic diagram for the value of resistors and cap

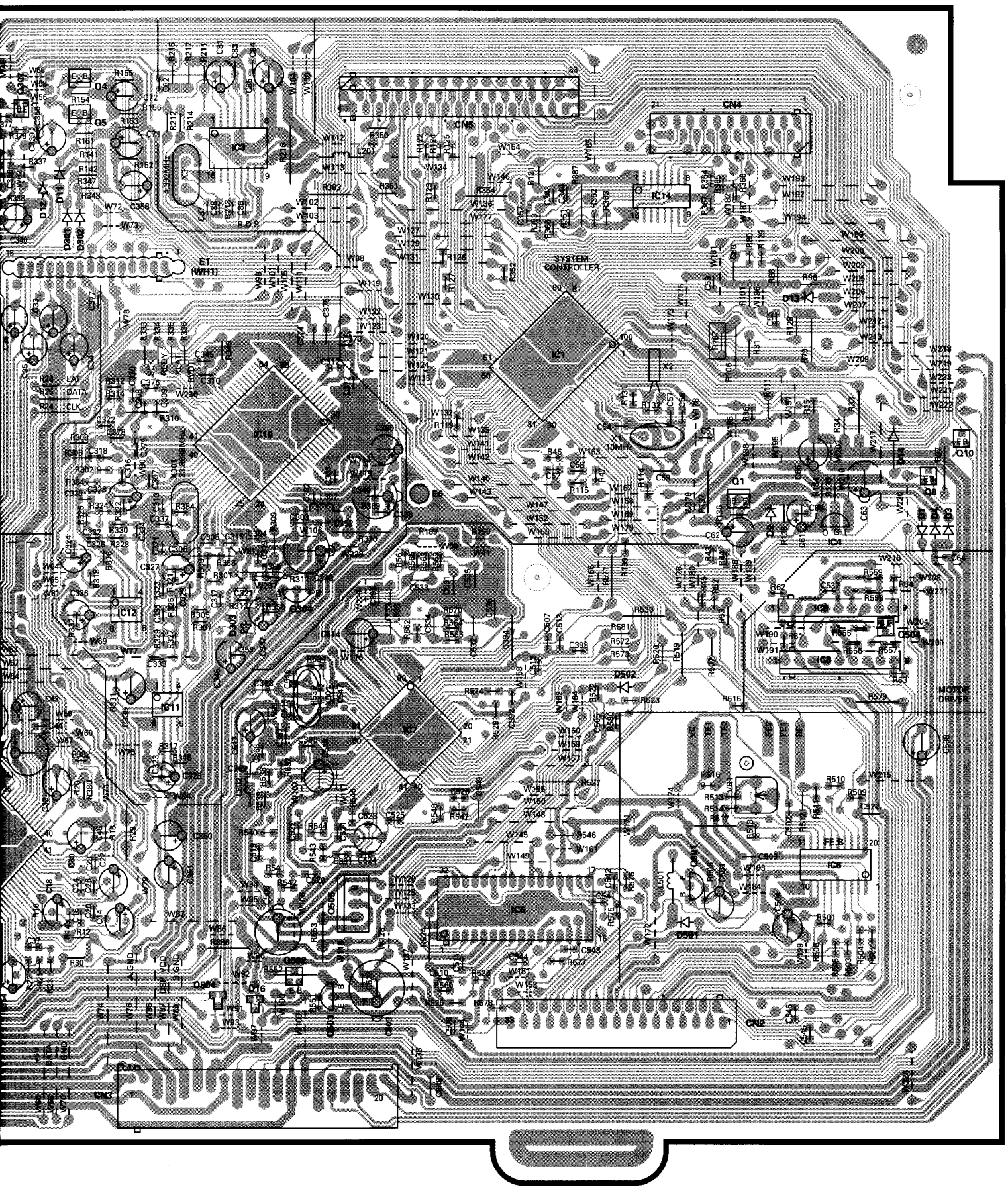
BOARD(Component side view) SUB-CIRCUIT UNIT

X13-7640-10 (J70-1295-11)



the schematic diagram for the value of resistors and capacitors.

UNIT


SYSTEM CONTROLLER
MOTOR DRIVER
CN1
CN2
CN4
CN5
IC1
IC2
IC3
IC4
IC5
IC6
IC7
IC8
IC10
IC11
IC12
IC14
IC16
IC26
Q1
Q4
Q5
Q6
Q10
D502
D503
D504
D505
D506
D507
D508
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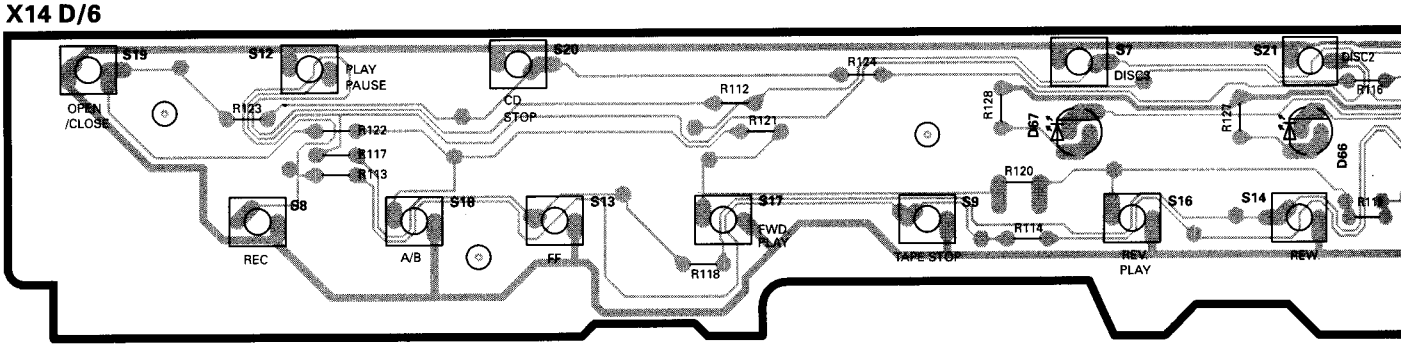
D537
D538
D539
D540
D541

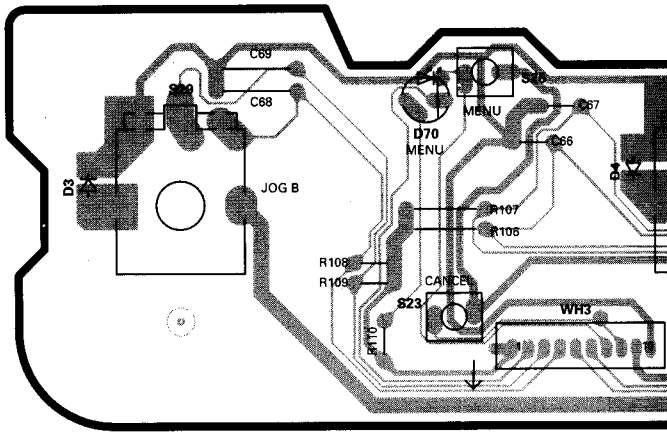
PC BOARD(Component side view)

DISPLAY UNIT

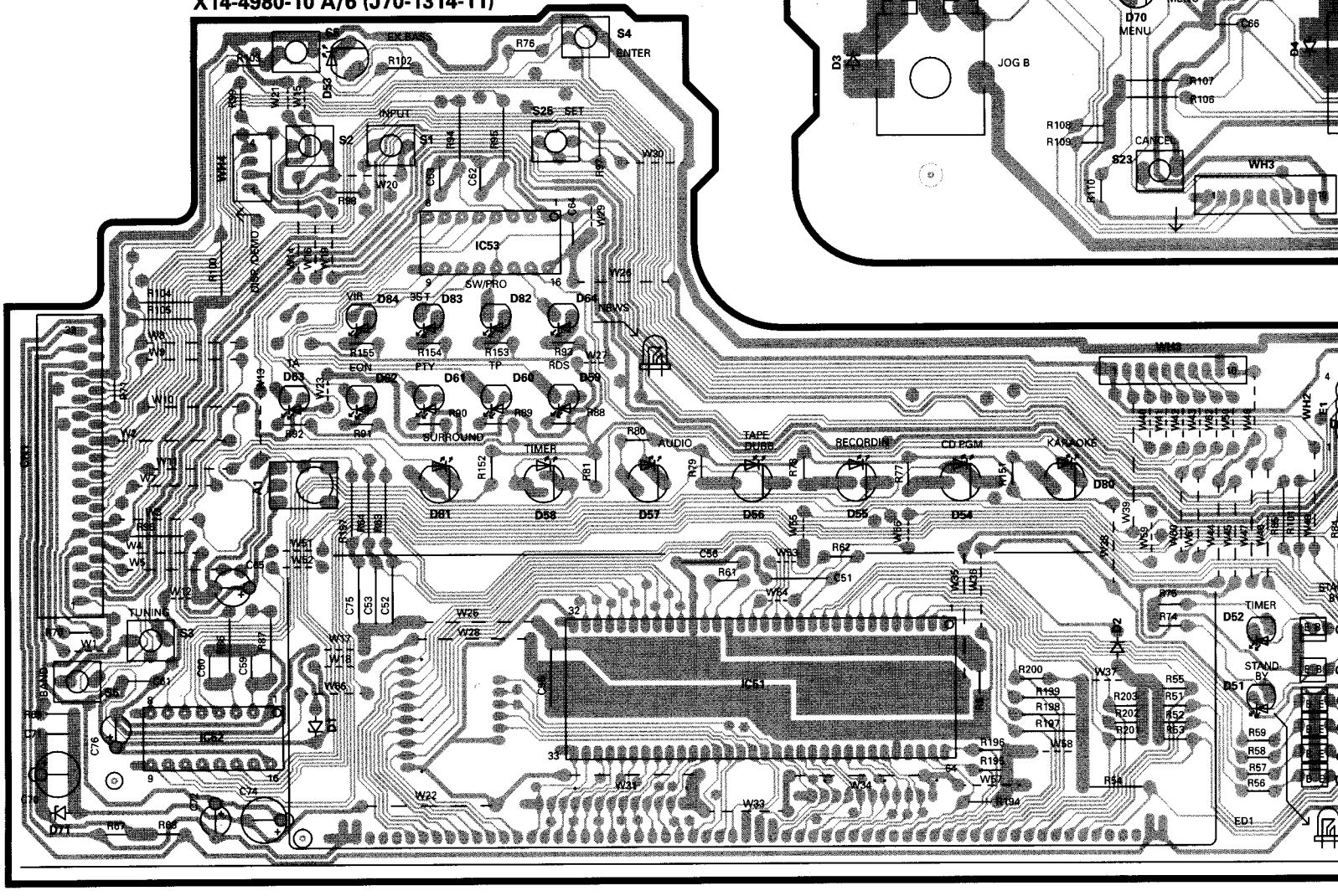
X14 D/6

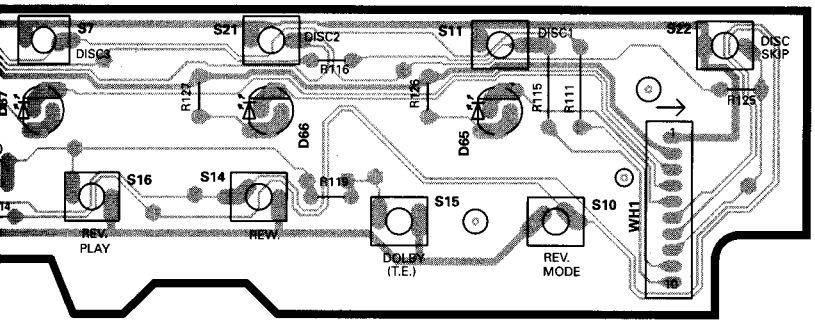


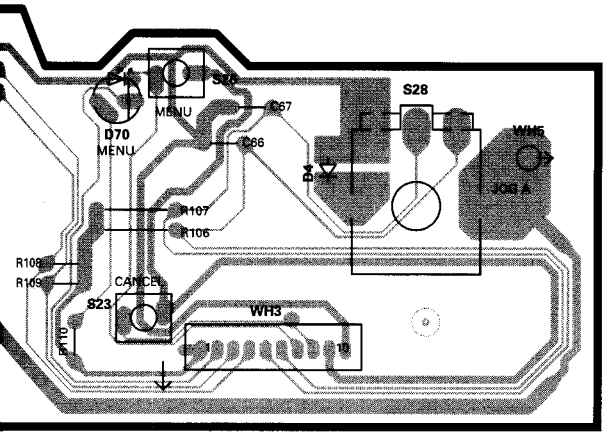
X14 C/6



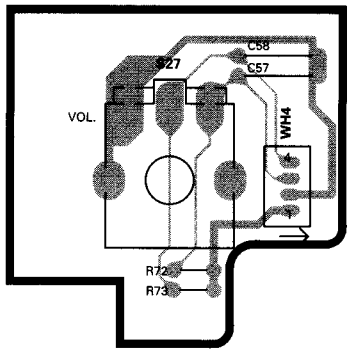
X14-4980-10 A/6 (J70-1314-11)



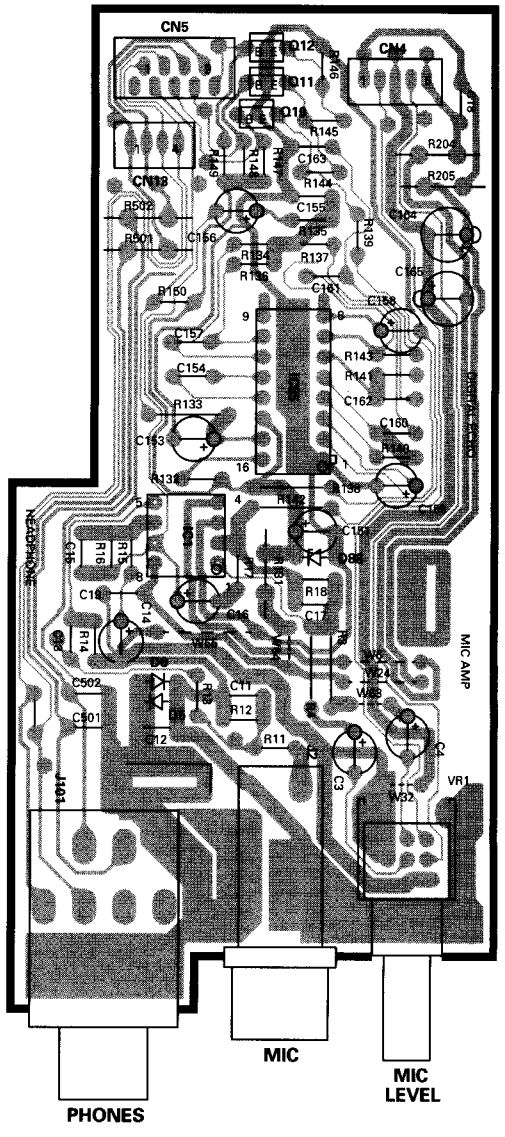


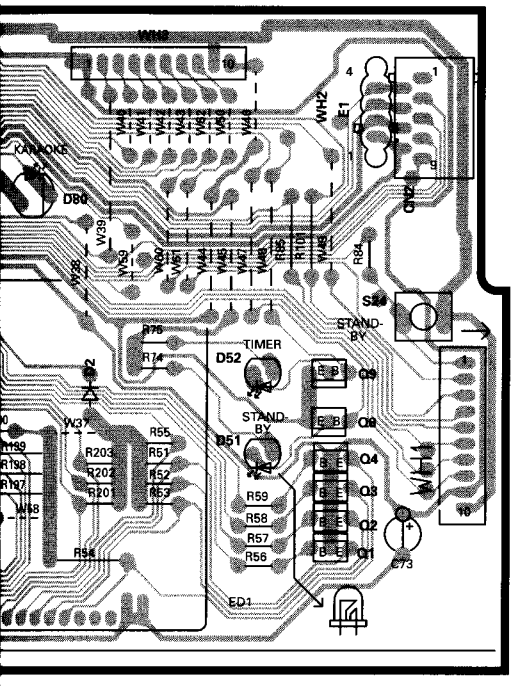


X14 B/6

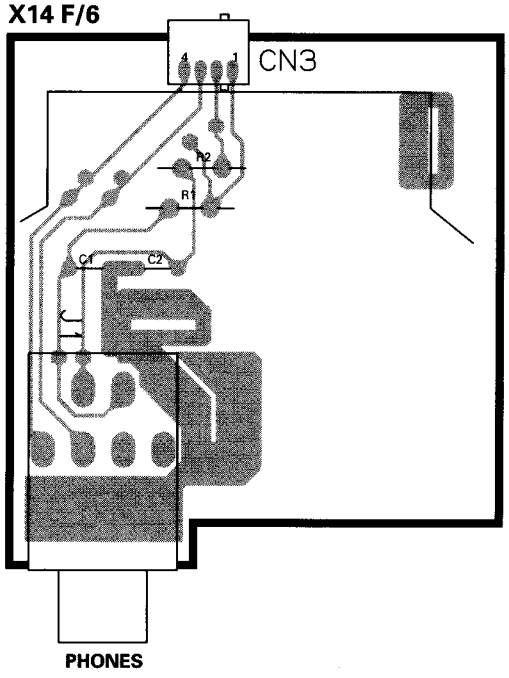


X14 E/6



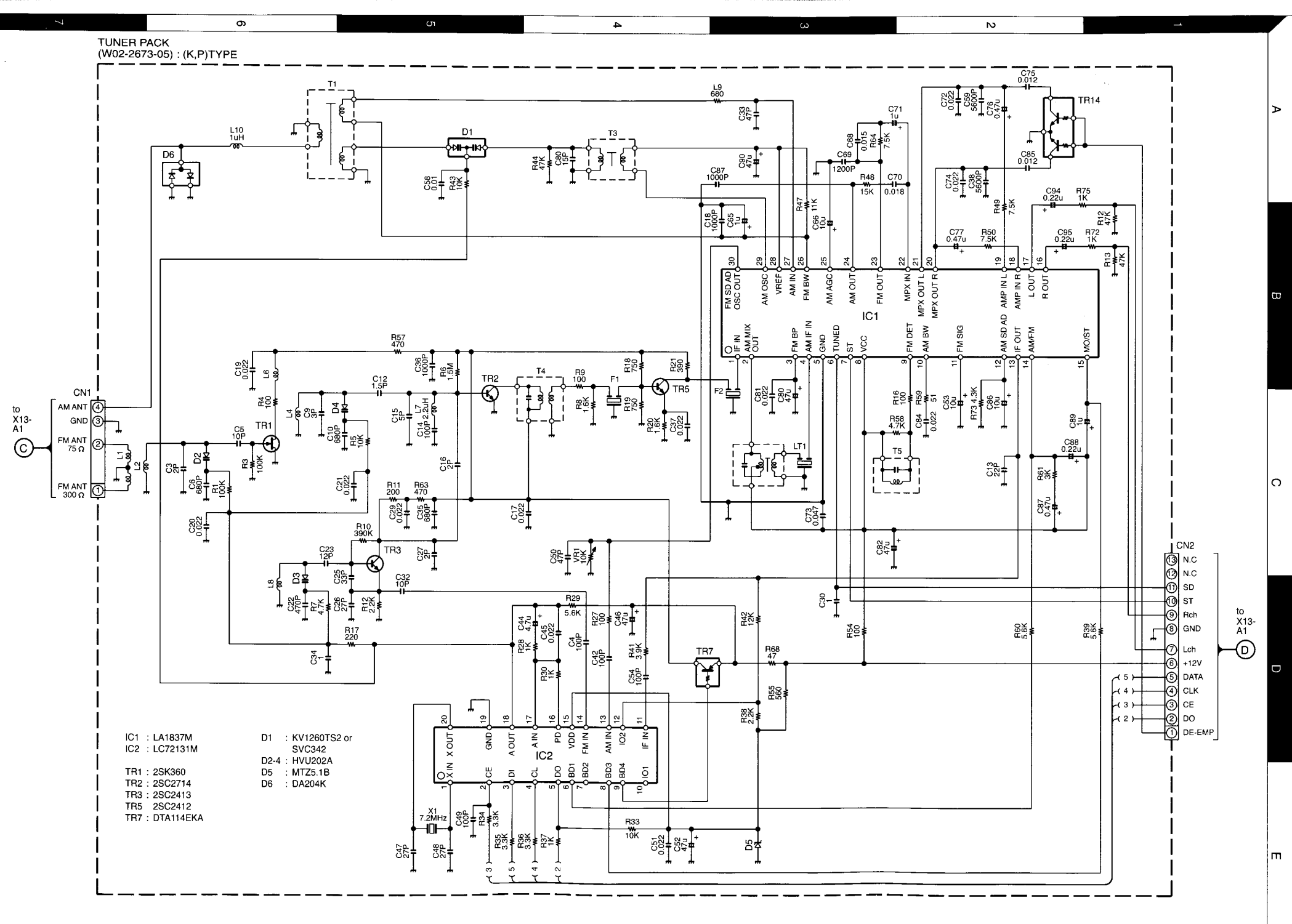


X14 F/6

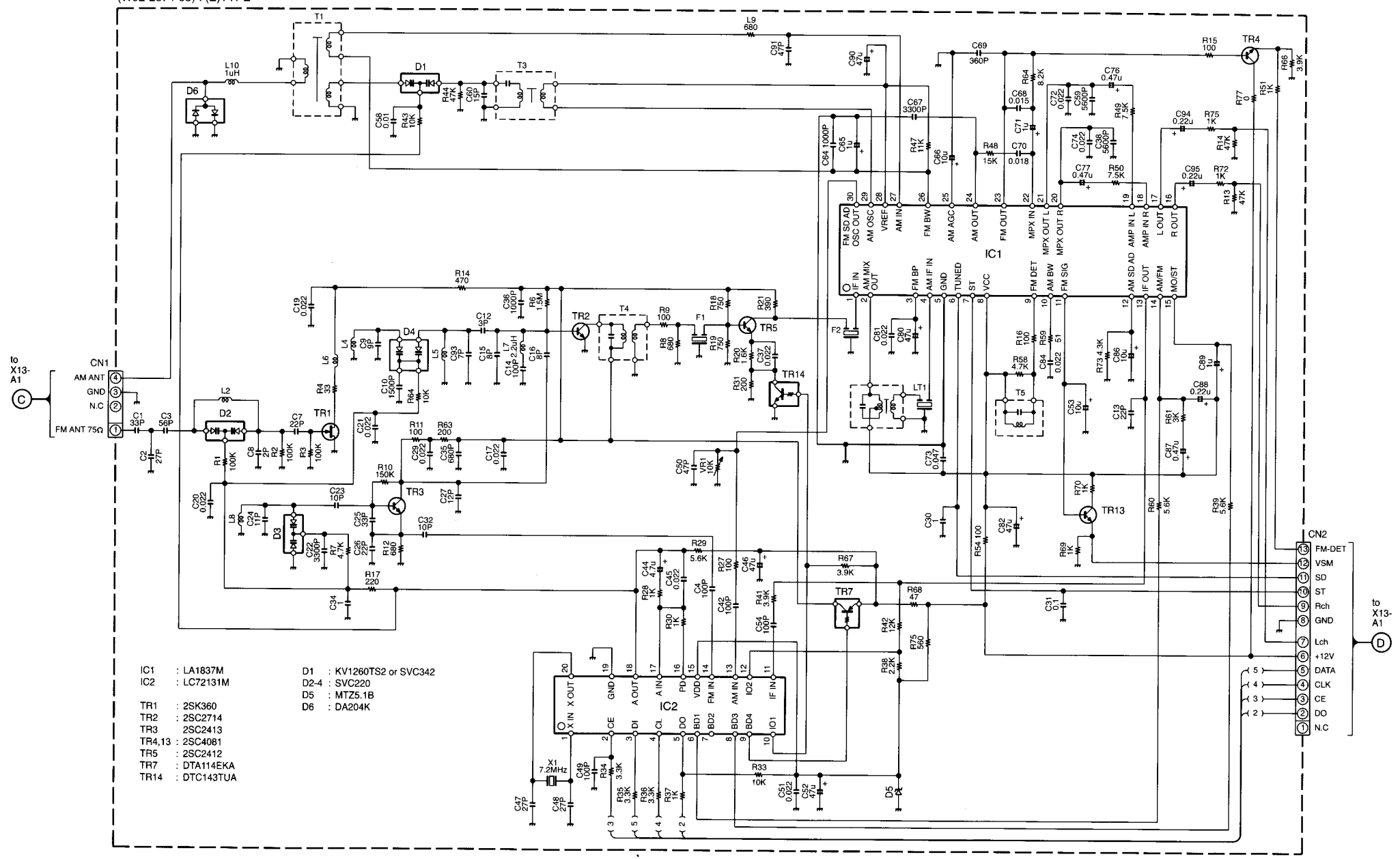


Refer to the schematic diagram for the value of resistors and capacitors.

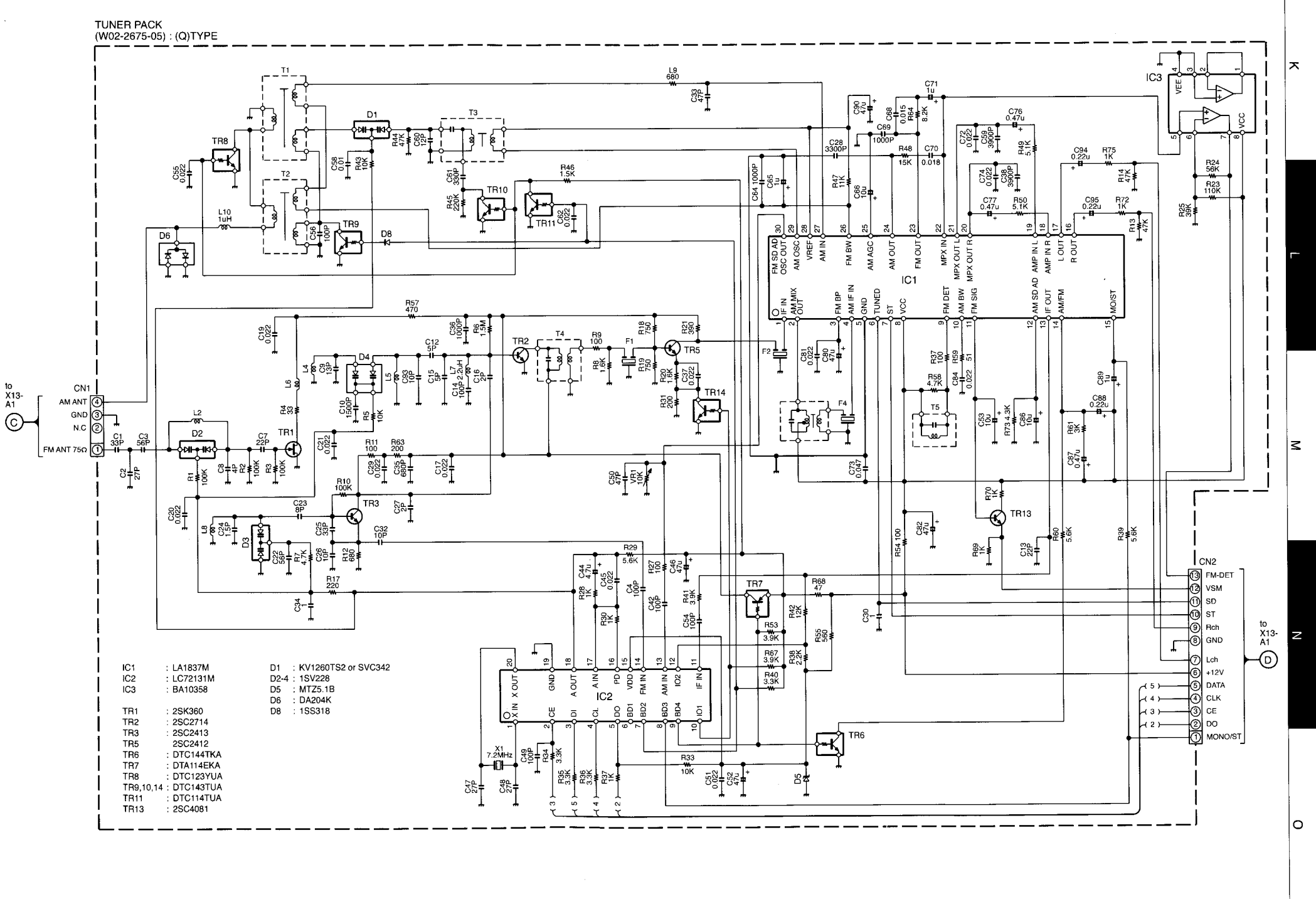
TUNER PACK
(W02-2673-05) : (K,P)TYPE



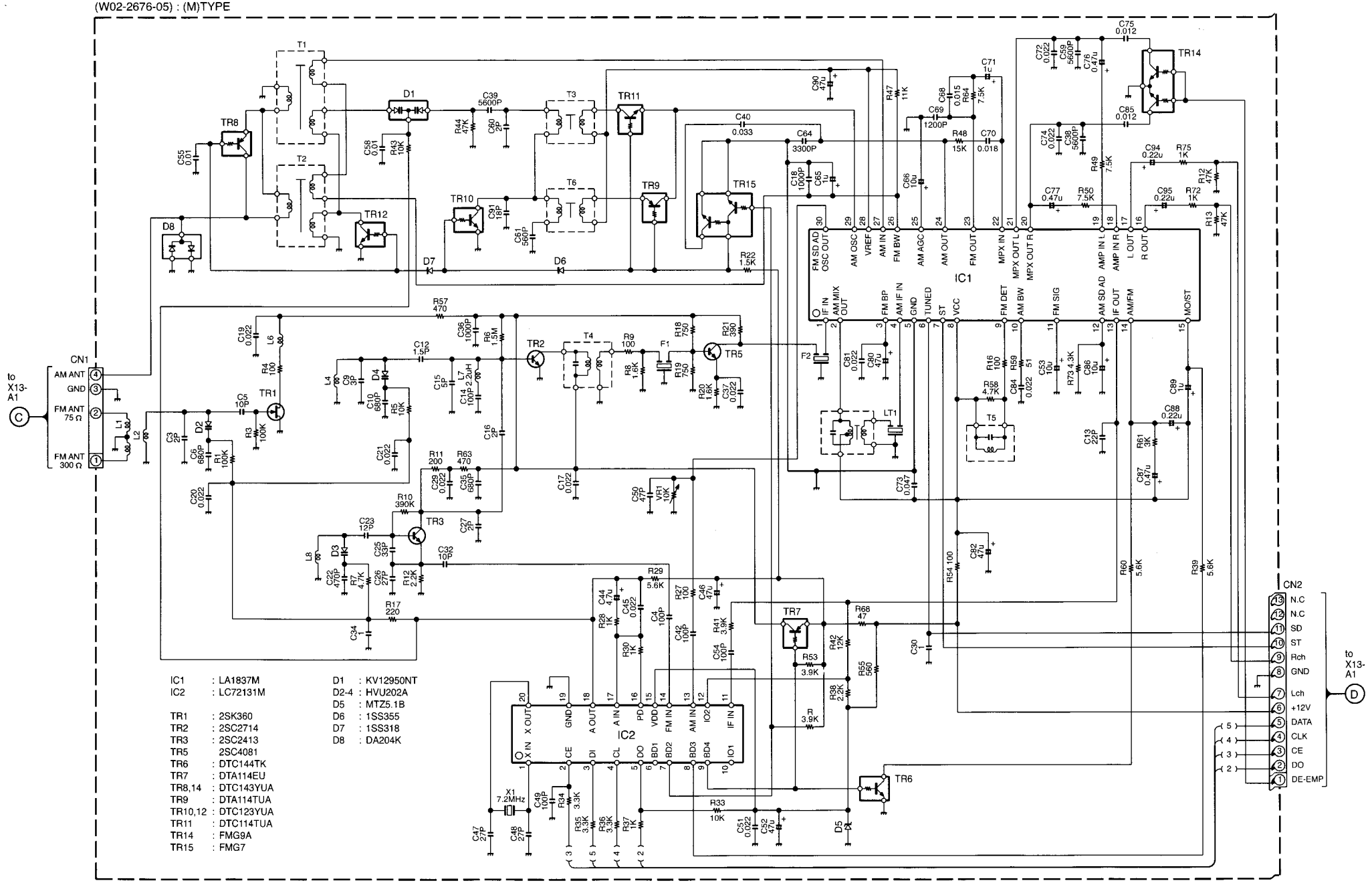
TUNER PACK
(W02-2674-05) : (E)TYPE



TUNER PACK
(W02-2675-05) : (Q)TYPE

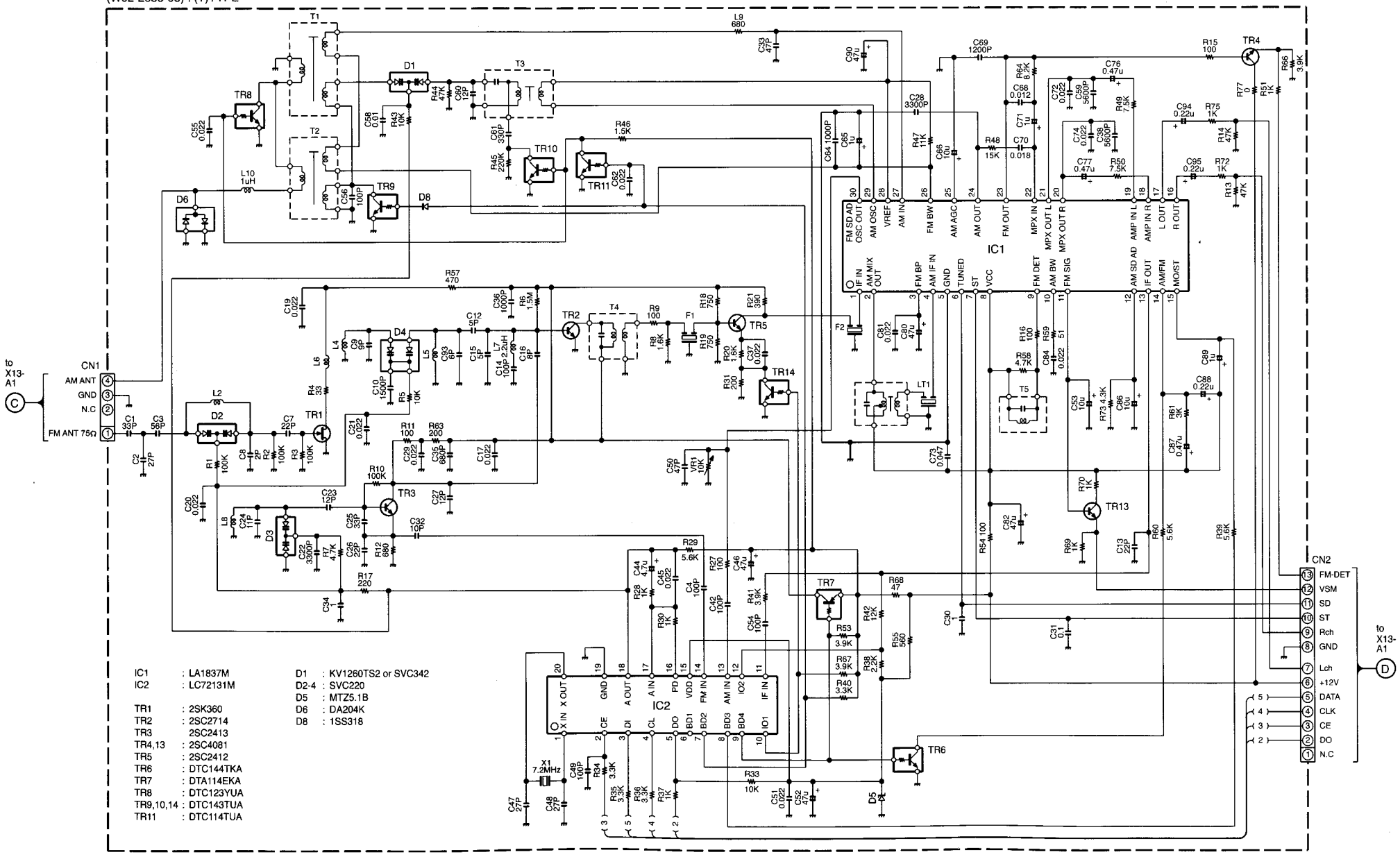


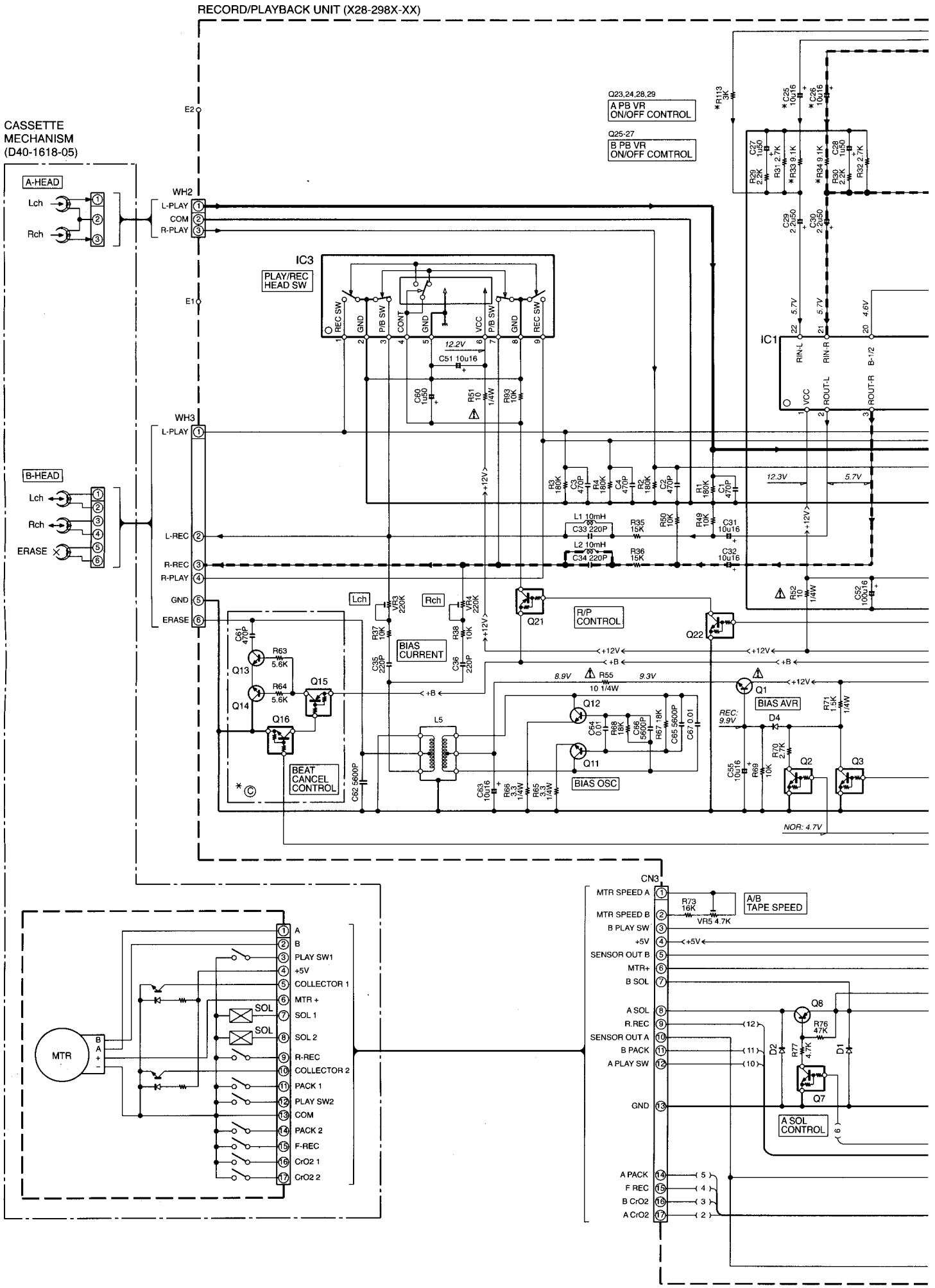
TUNER PACK
(W02-2676-05) : (M)TYPE



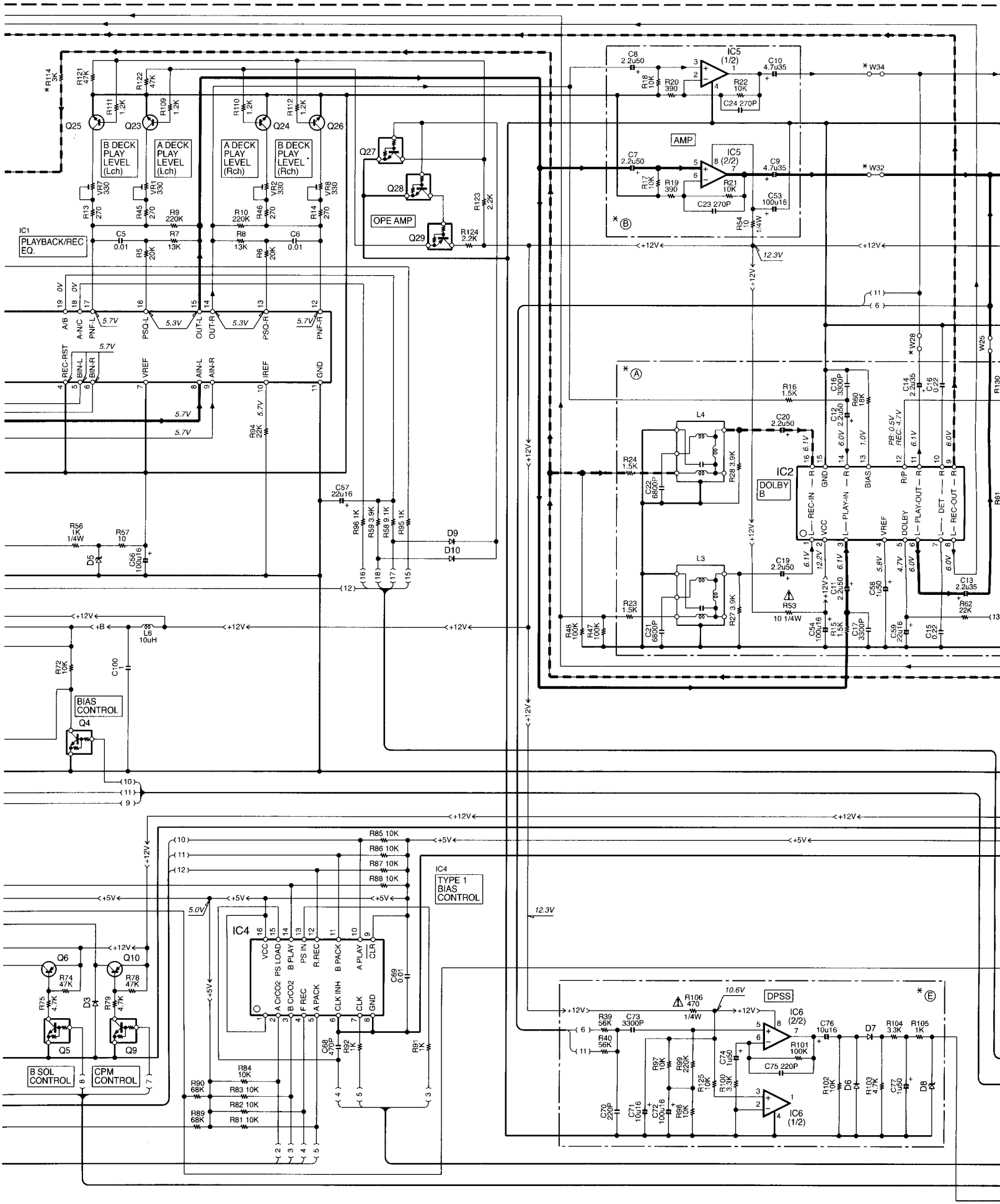
IC1	: LA1837M	D1	: KV12950NT
IC2	: LC72131M	D2-4	: HVU202A
		D5	: MTZ5.1B
TR1	: 2SK360	D6	: 1SS355
TR2	: 2SC2714	D7	: 1SS318
TR3	: 2SC2413	D8	: DA204K
TR5	2SC4081		
TR6	: DTC144TK		
TR7	: DTA114EU		
TR8,14	: DTC143YUA		
TR9	: DTA114TUA		
TR10,12	: DTC123YUA		
TR11	: DTC114TUA		
TR14	: FMG9A		
TR15	: FMG7		

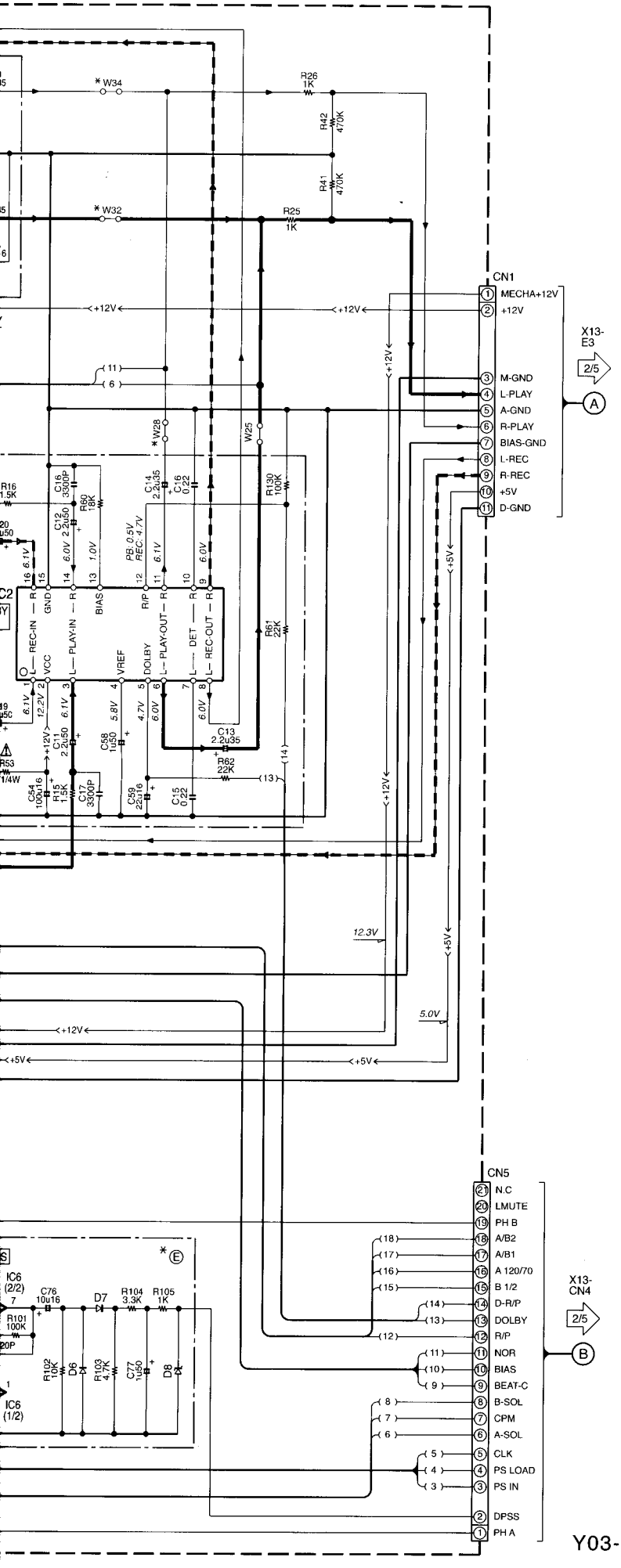
TUNER PACK
(W02-2685-05) : (T)TYPE




RECORD/PLAYBACK UNIT (X28-298X-XX)
CASSETTE MECHANISM (D40-1618-05)
A-HEAD
Lch
Rch
B-HEAD
Lch
Rch
ERASE
WH2
L-PLAY
COM
R-PLAY
WH3
L-PLAY
L-REC
R-REC
R-PLAY
GND
ERASE
E2
E1
IC3
PLAY/REC HEAD SW
REC SW
GND
P/B SW
CONT
GND
VCC
P/B SW
GND
REC SW
12.2V
C51 10u16
IC1
RIN-L
RIN-R
B-1/2
VCC
ROUT-L
ROUT-R
5.7V
4.6V
12.3V
+12V
+B
Q23,24,28,29
A PB VR ON/OFF CONTROL
Q25-27
B PB VR ON/OFF COMTROL
L1 10mH
C33 220P
L2 10mH
C34 220P
R35 15K
R36 15K
C31 10u16
C32 10u16
Lch
Rch
VR3 220K
VR4 220K
BIAS CURRENT
R/P CONTROL
Q21
Q22
Q13
Q14
Q15
Q16
BEAT CANCEL CONTROL
L5
Q12
Q11
BIAS OSC
BIAS AVR
Q1
D4
Q2
Q3
REC: 9.9V
NOR: 4.7V
8.9V
9.3V
R55 10 1/4W
CN3
MTR SPEED A
MTR SPEED B
B PLAY SW
+5V
SENSOR OUT B
MTR+
B SOL
A SOL
R.REC
SENSOR OUT A
B PACK
A PLAY SW
GND
A PACK
F REC
B CrO2
A CrO2
R73 16K
VR5 4.7K
A/B TAPE SPEED
Q8
Q7
D1
D2
A SOL CONTROL
MTR
A
B
PLAY SW1
+5V
COLLECTOR 1
MTR +
SOL 1
SOL 2
R-REC
COLLECTOR 2
PACK 1
PLAY SW2
COM
PACK 2
F-REC
CrO2 1
CrO2 2
SOL
SOL

(X28-298X-XX)


IC1
PLAYBACK/REC EQ.
B DECK PLAY LEVEL (Lch)
A DECK PLAY LEVEL (Lch)
A DECK PLAY LEVEL (Rch)
B DECK PLAY LEVEL (Rch)
OPE AMP
AMP
IC5 (1/2)
IC5 (2/2)
IC2
DOLBY B
L4
L3
BIAS CONTROL
Q4
IC4
TYPE 1 BIAS CONTROL
B SOL CONTROL
CPM CONTROL
DPSS
IC6 (2/2)
IC6 (1/2)
+12V
+5V
+B
12.3V
5.0V
10.6V



RXD-A601 (X28-2980-11)

DESTINATION		UNIT No.	Ⓐ Ⓒ Ⓔ	Ⓑ	R33, 34	R113, 114	C25, 26	W16-19,21, 25,28	W32, 34
COUNTRY	ABB.								
U.S.A	K	0-11	NO	YES	NO	YES	NO	YES	NO
CANADA	P								

RXD-652 (X28-2980-11)

DESTINATION		UNIT No.	Ⓐ Ⓒ Ⓔ	Ⓑ	R33, 34	R113, 114	C25, 26	W16-19,21, 25,28	W32, 34
COUNTRY	ABB.								
GENERAL MARKET	M	0-11	NO	YES	NO	YES	NO	YES	NO
AUSTRALIA	X								
EUROPE	E								

RXD-652E (X28-2980-11)

DESTINATION		UNIT No.	Ⓐ Ⓒ Ⓔ	Ⓑ	R33, 34	R113, 114	C25, 26	W16-19,21, 25,28	W32, 34
COUNTRY	ABB.								
EUROPE	E1	0-11	NO	YES	NO	YES	NO	YES	NO

RXD-652W (X28-2983-82)

DESTINATION		UNIT No.	Ⓐ Ⓔ	Ⓑ Ⓒ	R33, 34	R113, 114	C25, 26	W16-19,21, 25,28	W32, 34
COUNTRY	ABB.								
RUSSIA	Q	3-82	NO	YES	NO	YES	NO	NO	YES

RXD-A81/A701 (X28-2980-10)

DESTINATION		UNIT No.	Ⓐ Ⓔ	Ⓑ Ⓒ	R33, 34	R113, 114	C25, 26	W16-19,21, 25,28	W32, 34
COUNTRY	ABB.								
U.S.A	K	0-10	YES	NO	YES	NO	YES	YES	NO
CANADA	P								

RXD-752/852 (X28-2980-10)

DESTINATION		UNIT No.	Ⓐ Ⓔ	Ⓑ Ⓒ	R33, 34	R113, 114	C25, 26	W16-19,21, 25,28	W32, 34
COUNTRY	ABB.								
PX	Y	0-10	YES	NO	YES	NO	YES	YES	NO
GENERAL MARKET	M								
AUSTRALIA	X								
U.K	T								
EUROPE	E								

RXD-772S (X28-2980-10)

DESTINATION		UNIT No.	Ⓐ Ⓔ	Ⓑ Ⓒ	R33, 34	R113, 114	C25, 26	W16-19,21, 25,28	W32, 34
COUNTRY	ABB.								
GENERAL MARKET	M1	0-10	YES	NO	YES	NO	YES	YES	NO

RXD-702E/752E/852E (X28-2980-10)

DESTINATION		UNIT No.	Ⓐ Ⓔ	Ⓑ Ⓒ	R33, 34	R113, 114	C25, 26	W16-19,21, 25,28	W32, 34
COUNTRY	ABB.								
EUROPE	E1	0-10	YES	NO	YES	NO	YES	YES	NO

RXD-702W/752W/852W (X28-2983-81)

DESTINATION		UNIT No.	Ⓐ Ⓒ Ⓔ	Ⓑ	R33, 34	R113, 114	C25, 26	W16-19,21, 25,28	W32, 34
COUNTRY	ABB.								
RUSSIA	Q	3-81	YES	NO	YES	NO	YES	NO	YES

RXD-702E (X28-2980-10)

DESTINATION		UNIT No.	Ⓐ Ⓔ	Ⓑ Ⓒ	R33, 34	R113, 114	C25, 26	W16-19,21, 25,28	W32, 34
COUNTRY	ABB.								
EUROPE	E1	0-10	YES	NO	YES	NO	YES	YES	NO

IC1	: HA12219NT
IC2	: HA12136A
IC3	: BA3126N
IC4	: HD74HC166P or TC74HC166AP
IC5,6	: NJM4565L
Q1	: KTC3205 or 2SC3940A(R,S)
Q2-5,7,9,16, 22,27,28	: KRC103M or DTC124ESA
Q6,8,10	: 2SA1286-T11
Q11,12,23-26	: KTC3199(Y,GR) or 2SC2785(F,E)
Q13,14	: 2SC1845(F,E)
Q15,21,29	: KRA103M or DTA124ESA
D1-4,6,7,9,10	: 1SS133 or HSS104A
D5	: HZS5.6N(B2) or MTZJ5.6(B)
D8	: HZS5.1N(B2) or MTZJ5.1(B)

RECORDING LINE
SIGNAL LINE
GND LINE
+B LINE
−B LINE

RXD-A601 (1/5)
RXD-652/E/W (1/5)
RXD-A81 (1/5)
RXD-752/E/W (1/5)
RXD-702/E/W (1/5)
RXD-772S (1/5)
RXD-A701 (1/5)
RXD-852/E/W (1/5)

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter with a cassette loaded at playback mode. The measurement value may vary depending on the measuring instruments used or on the product. Bias circuit DC voltage is measured while in the record mode.

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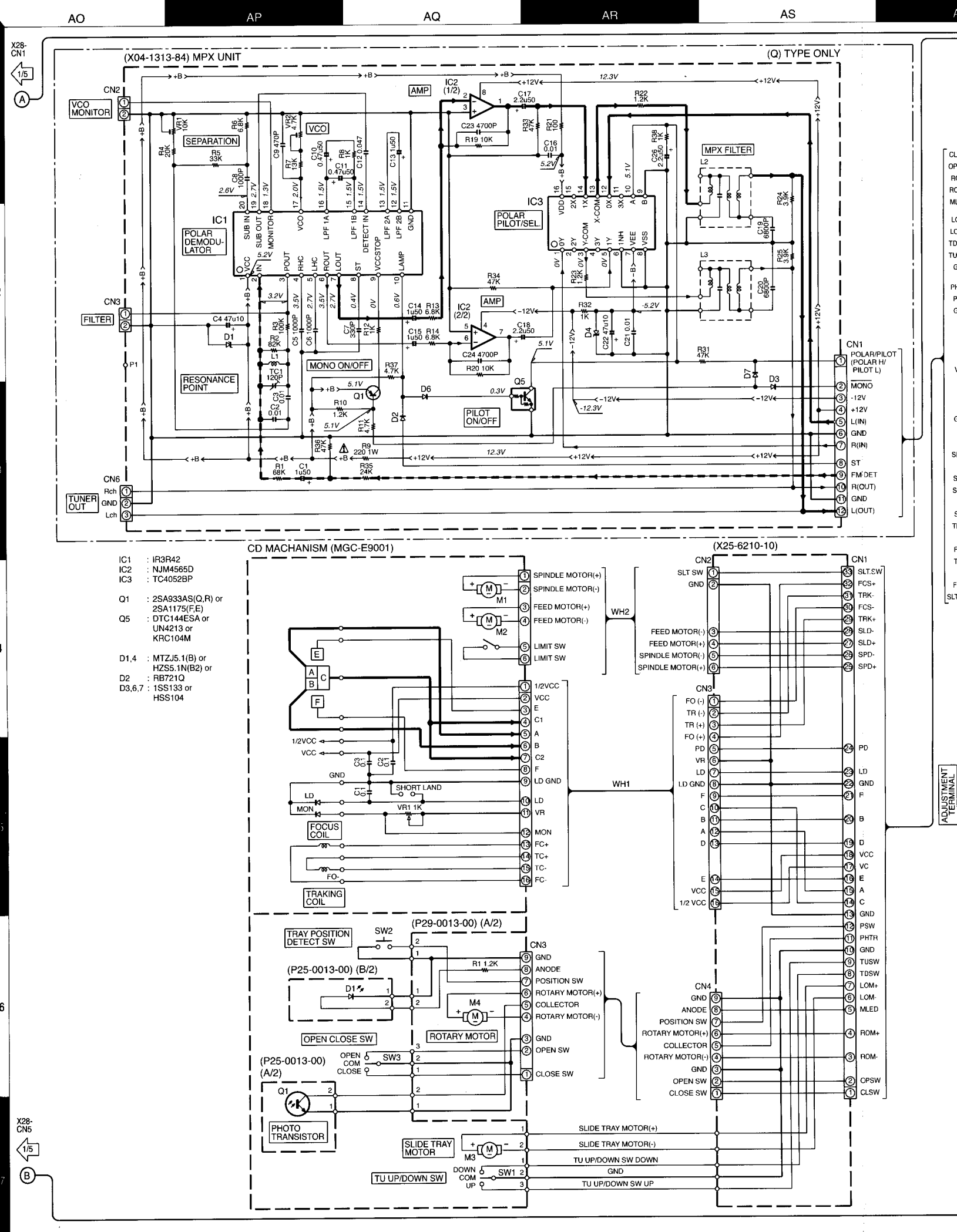
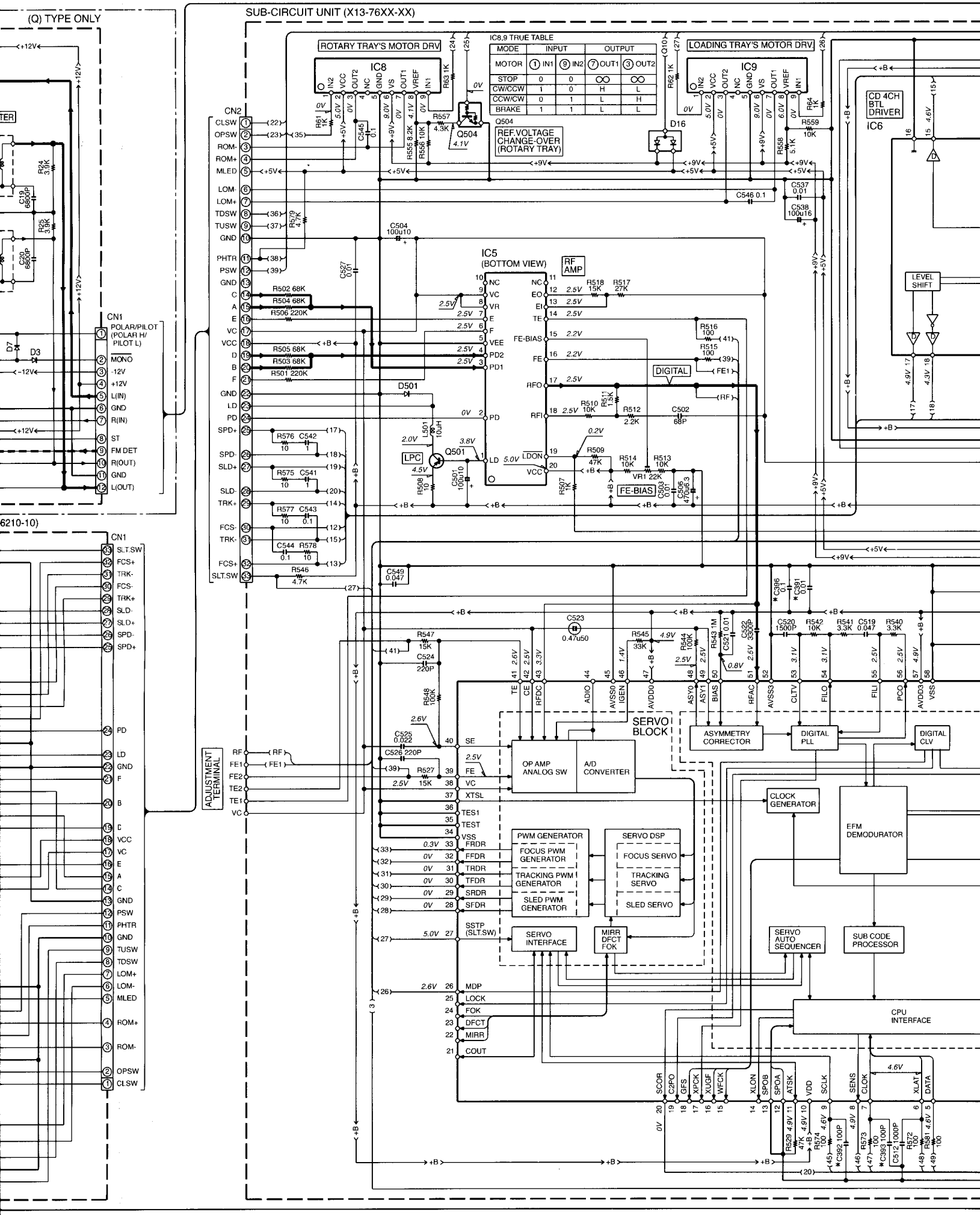


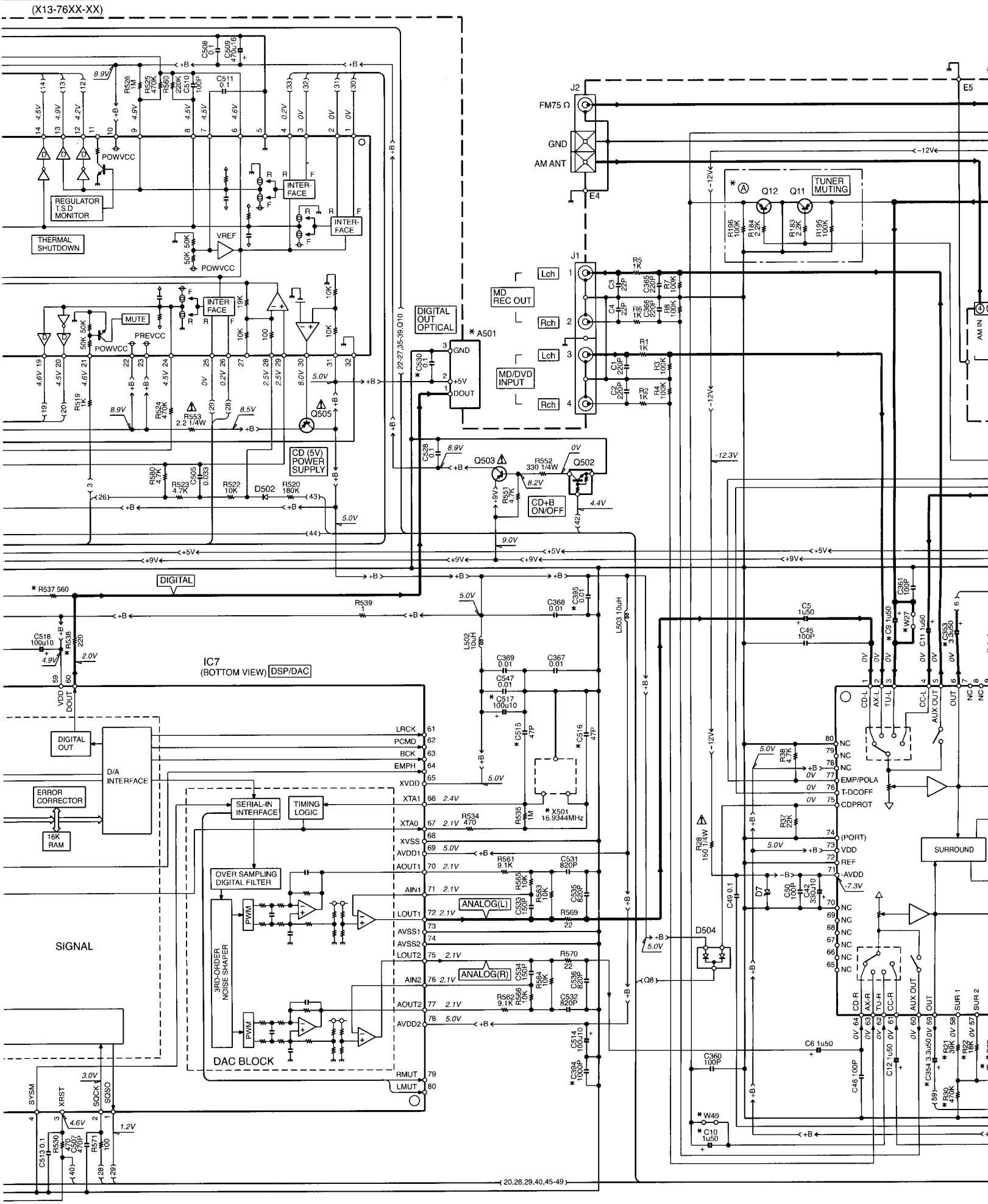
IC1 : IR3R42
IC2 : NJM4565D
IC3 : TC4052BP

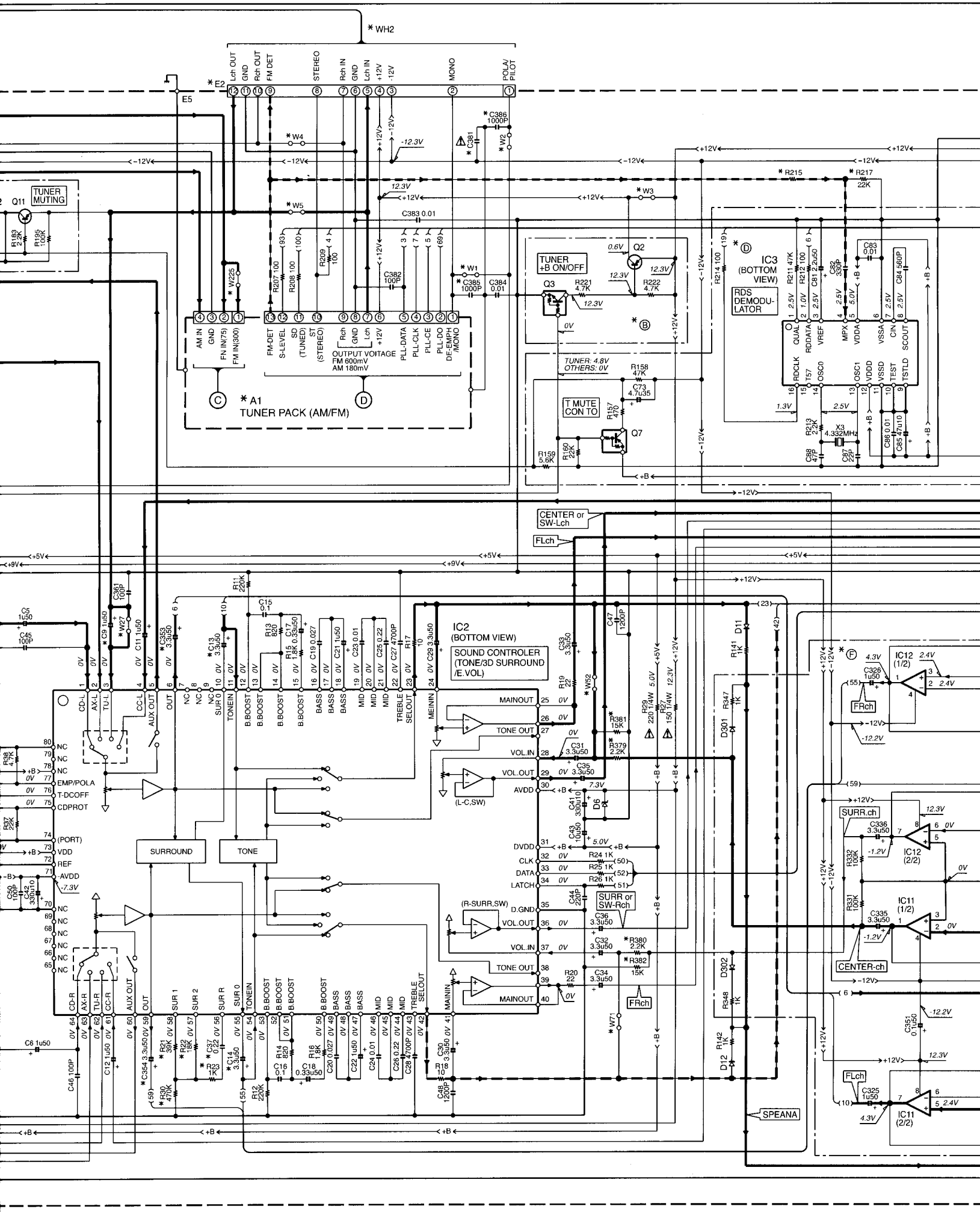
Q1 : 2SA933AS(Q,R) or 2SA1175(F,E)
Q5 : DTC144ESA or UN4213 or KRC104M

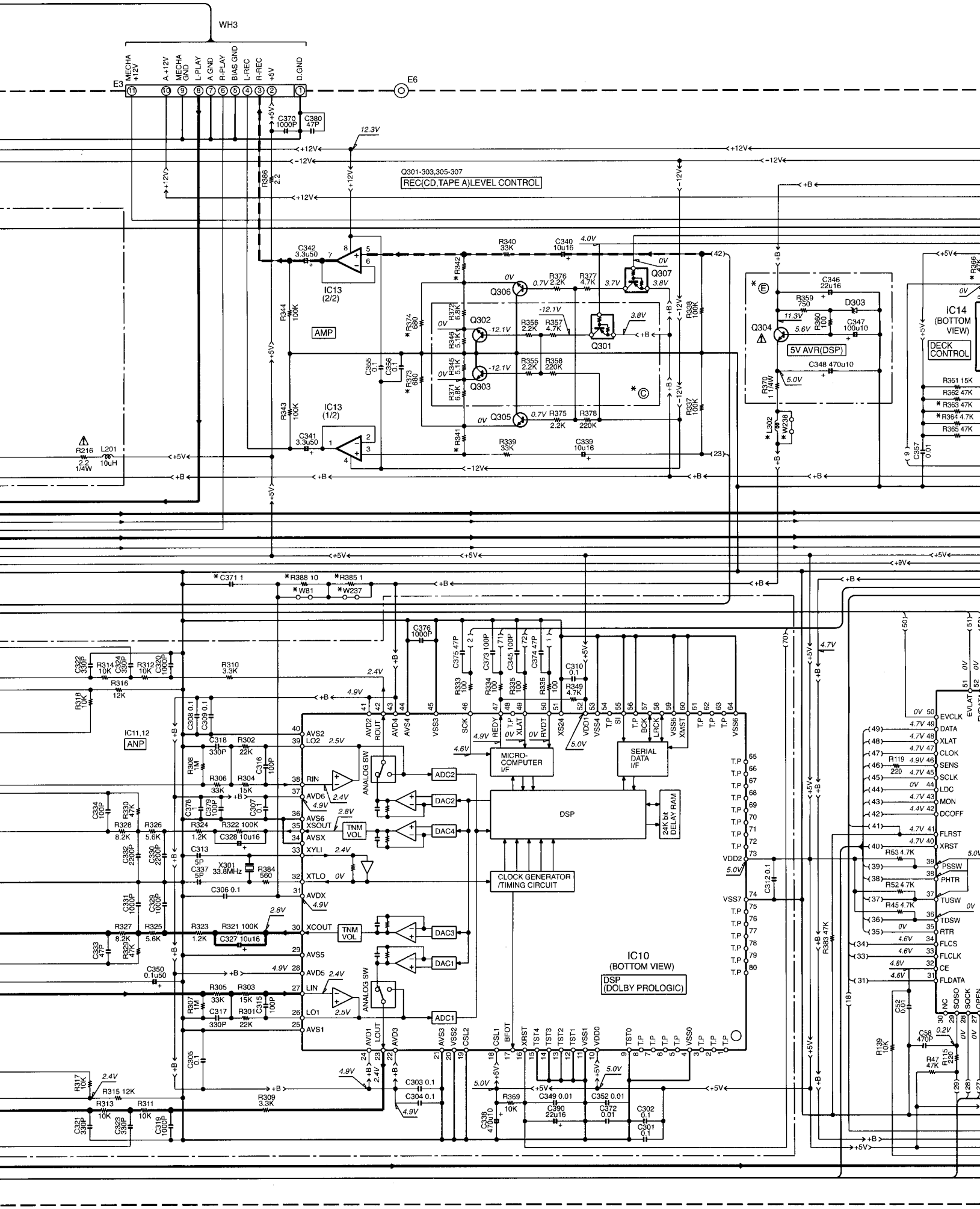
D1,4 : MTZJ5.1(B) or HZS5.1N(B2) or
D2 : RB721Q
D3,6,7 : 1SS133 or HSS104

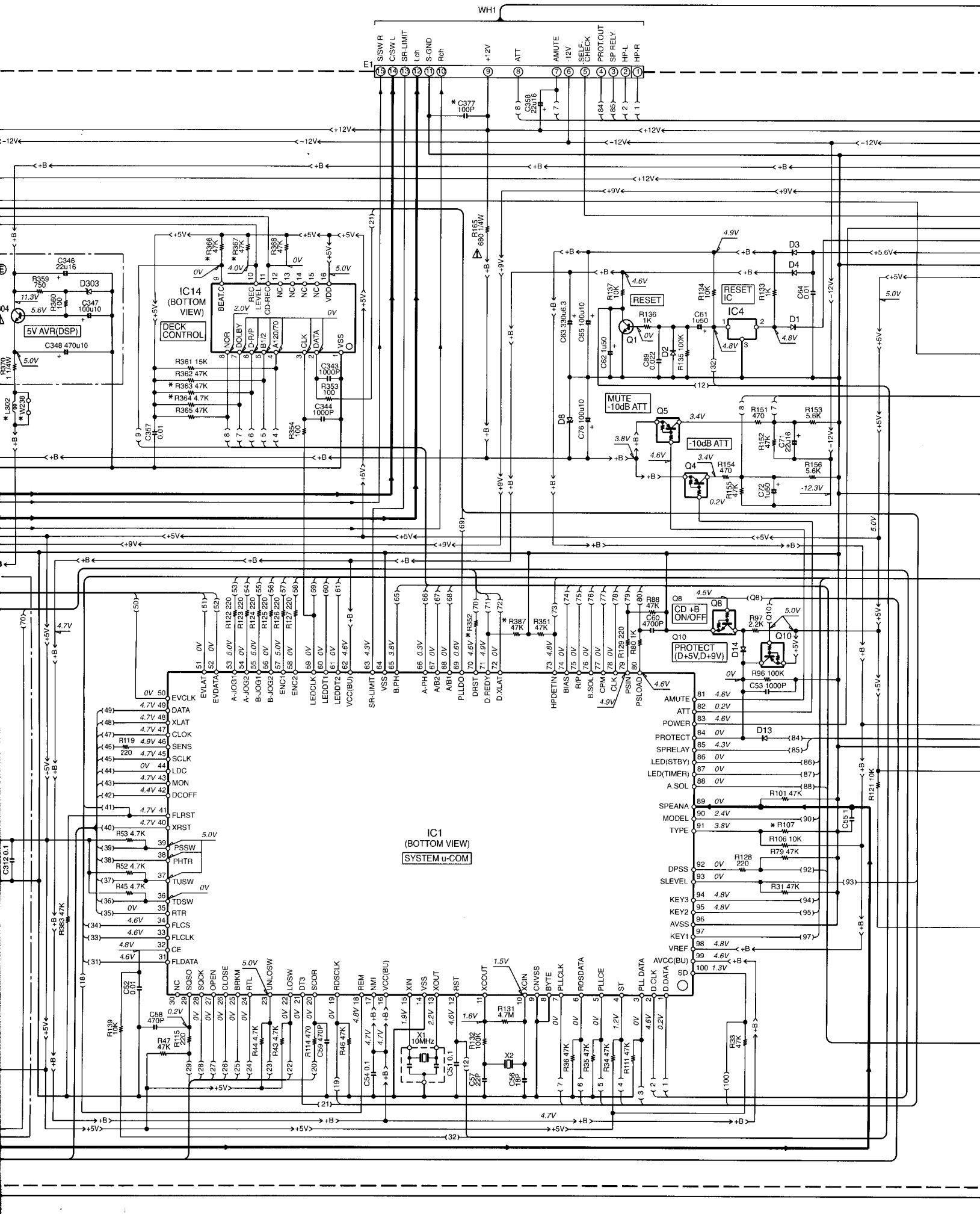

(Q) TYPE ONLY
SUB-CIRCUIT UNIT (X13-76XX-XX)
ROTARY TRAY'S MOTOR DRV
IC8
IC8,9 TRUE TABLE
MODE | INPUT | OUTPUT
MOTOR | (1) IN1 | (9) IN2 | (7) OUT1 | (3) OUT2
STOP | 0 | 0 | ∞ | ∞
CW/CCW | 1 | 0 | H | L
CCW/CW | 0 | 1 | L | H
BRAKE | 1 | 1 | L | L
REF.VOLTAGE CHANGE-OVER (ROTARY TRAY)
LOADING TRAY'S MOTOR DRV
IC9
CD 4CH BTL DRIVER
IC6
LEVEL SHIFT
CN2
CN1
POLAR/PILOT (POLAR H/ PILOT L)
MONO
-12V
+12V
L(IN)
GND
R(IN)
ST
FM DET
R(OUT)
GND
L(OUT)
IC5
(BOTTOM VIEW)
RF AMP
DIGITAL
FE-BIAS
LPC
SERVO BLOCK
ADJUSTMENT TERMINAL
OP AMP ANALOG SW
A/D CONVERTER
PWM GENERATOR
FOCUS PWM GENERATOR
TRACKING PWM GENERATOR
SLED PWM GENERATOR
SERVO DSP
FOCUS SERVO
TRACKING SERVO
SLED SERVO
SERVO INTERFACE
MIRR DFCT FOK
ASYMMETRY CORRECTOR
DIGITAL PLL
DIGITAL CLV
CLOCK GENERATOR
EFM DEMODURATOR
SERVO AUTO SEQUENCER
SUB CODE PROCESSOR
CPU INTERFACE
(6210-10)

(X13-76XX-XX)


IC7
(BOTTOM VIEW) DSP/DAC
DIGITAL
SIGNAL
DAC BLOCK
DIGITAL OUT
D/A INTERFACE
ERROR CORRECTOR
16K RAM
SERIAL-IN INTERFACE
TIMING LOGIC
OVER SAMPLING DIGITAL FILTER
3RD-ORDER NOISE SHAPER
PWM
ANALOG(L)
ANALOG(R)
LRCK
PCMD
BCK
EMPH
XVDD
XTA1
XTA0
XVSS
AVDD1
AOUT1
AIN1
LOUT1
AVSS1
AVSS2
LOUT2
AIN2
AOUT2
AVDD2
RMUT
LMUT
SYSM
XRST
SOCK
SOSO
VDD
DOUT
X501 16.9344MHz
REGULATOR T.S.D MONITOR
THERMAL SHUTDOWN
INTER-FACE
POWVCC
VREF
MUTE
PREVCC
CD (5V) POWER SUPPLY
DIGITAL OUT OPTICAL
A501
GND
+5V
DOUT
MD REC OUT
MD/DVD INPUT
Lch
Rch
J1
J2
FM75 Ω
GND
AM ANT
E4
E5
TUNER MUTING
Q12
Q11
Q503
Q502
Q505
D502
D504
CD+B ON/OFF
SURROUND
CD-L
AX-L
TU-L
CC-L
AUX OUT
OUT
CD-R
AX-R
TU-R
CC-R
SUR 1
SUR 2
NC
EMP/POLA
T-DCOFF
CDPROT
(PORT)
VDD
REF
-AVDD
-7.3V
+B
-B
-12V
-12.3V
+5V
+9V
5.0V
9.0V
8.9V
8.2V
4.4V
2.0V
3.0V
4.6V
1.2V
2.1V
20,28,29,40,45-49


WH2
E2
E5
Lch OUT
GND
Rch OUT
FM DET
STEREO
Rch IN
GND
Lch IN
+12V
-12V
MONO
POLA/ PILOT
TUNER MUTING
Q11
TUNER +B ON/OFF
Q2
Q3
IC3 (BOTTOM VIEW)
RDS DEMODU-LATOR
AM IN
GND
FN IN(75)
FM IN(300)
A1
TUNER PACK (AM/FM)
OUTPUT VOITAGE
FM 600mV
AM 180mV
PLL-DATA
PLL-CLK
PLL-CE
PLL-DO
DE-EMPH /MONO
T MUTE CON TO
Q7
X3
4.332MHz
CENTER or SW-Lch
FLch
IC2
(BOTTOM VIEW)
SOUND CONTROLER
(TONE/3D SURROUND /E.VOL)
MAINOUT
TONE OUT
VOL.IN
VOL.OUT
AVDD
DVDD
CLK
DATA
LATCH
D.GND
(L-C,SW)
(R-SURR,SW)
SURROUND
TONE
SURR or SW-Rch
FRch
SURR.ch
CENTER-ch
FLch
IC12 (1/2)
IC12 (2/2)
IC11 (1/2)
IC11 (2/2)
SPEANA
CD-R
AX-R
TU-R
CC-R
AUX OUT
OUT
SUR 1
SUR 2
SUR R
SUR 0
TONEIN
B.BOOST
BASS
MID
TREBLE
SELOUT
MAININ
CD-L
AX-L
TU-L
CC-L
NC
EMP/POLA
T-DCOFF
CDPROT
(PORT)
VDD
REF
AVDD


WH3
MECHA +12V
A +12V
MECHA GND
L-PLAY
A GND
R-PLAY
BIAS GND
L-REC
R-REC
+5V
D.GND
E3
E6
Q301-303,305-307
REC(CD,TAPE A)LEVEL CONTROL
IC13 (2/2)
IC13 (1/2)
AMP
Q306
Q307
Q302
Q301
Q303
Q305
IC14 (BOTTOM VIEW)
DECK CONTROL
5V AVR(DSP)
Q304
D303
IC11,12
ANP
MICRO-COMPUTER I/F
SERIAL DATA I/F
DSP
24K bit DELAY RAM
CLOCK GENERATOR /TIMING CIRCUIT
IC10
(BOTTOM VIEW)
DSP
(DOLBY PROLOGIC)
ANALOG SW
TNM VOL
DAC1
DAC2
DAC3
DAC4
ADC1
ADC2
X301 33.8MHz
EVCLK
DATA
XLAT
CLOK
SENS
SCLK
LDC
MON
DCOFF
FLRST
XRST
PSSW
PHTR
TUSW
TDSW
RTR
FLCS
FLCLK
CE
FLDATA


WH1
E1
S/SW R
C/SW L
SR-LIMIT
Lch
S-GND
Rch
+12V
ATT
AMUTE
12V
SELF-CHECK
PROTOUT
SP RELY
HP-L
HP-R
IC14
(BOTTOM VIEW)
DECK CONTROL
5V AVR(DSP)
IC4
RESET
RESET IC
MUTE -10dB ATT
-10dB ATT
CD +B ON/OFF
PROTECT (D+5V,D+9V)
IC1
(BOTTOM VIEW)
SYSTEM u-COM
X1 10MHz
X2
EVCLK
DATA
XLAT
CLOK
SENS
SCLK
LDC
MON
DCOFF
FLRST
XRST
PSSW
PHTR
TUSW
TDSW
RTR
FLCS
FLCLK
CE
FLDATA
AMUTE
ATT
POWER
PROTECT
SPRELAY
LED(STBY)
LED(TIMER)
A.SOL
SPEANA
MODEL
TYPE
DPSS
SLEVEL
KEY3
KEY2
KEY1
VREF
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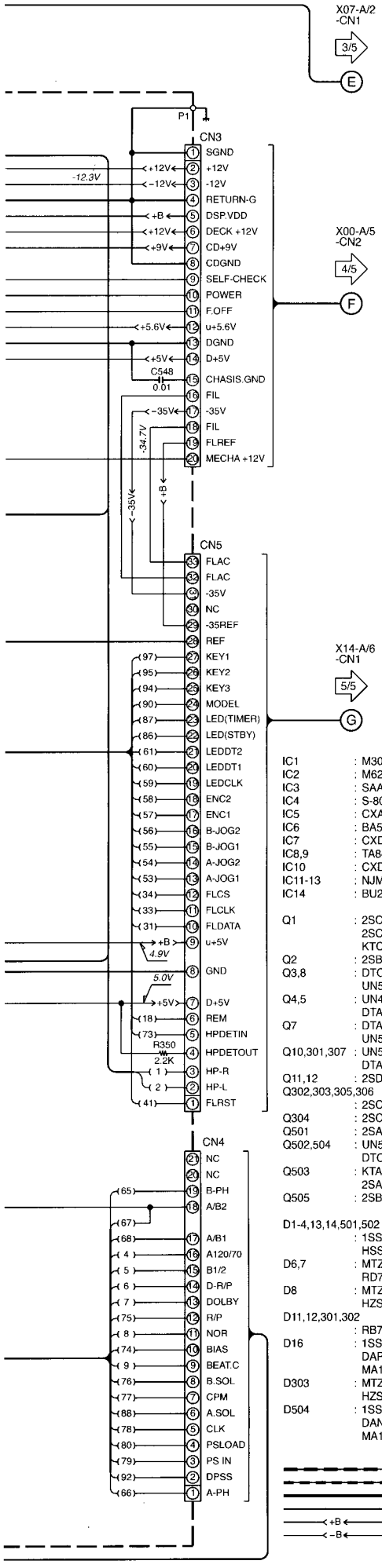
SD
PLL DATA
D.CLK
D.DATA



IC1 : M30622MC-525FP
IC2 : M62492FP
IC3 : SAA6579T/R
IC4 : S-80840ANY
IC5 : CXA1571M
IC6 : BA5979S
IC7 : CXD2587Q
IC8,9 : TA8409S
IC10 : CXD2718Q
IC11-13 : NJM4565MD
IC14 : BU2090F

Q1 : 2SC3311A(Q,R) 2SC2785(F,E) or KTC3199(Y,GR)
Q2 : 2SB1412F5(Q,R)
Q3,8 : DTC124EUA or UN5212
Q4,5 : UN4119 or DTA113ZSA
Q7 : DTA143TUA or UN5116
Q10,301,307 : UN5119 or DTA113ZUA
Q11,12 : 2SD2144S(U,V)
Q302,303,305,306 : 2SC4213(B)
Q304 : 2SC3940A(R,S)
Q501 : 2SA954(L,K)
Q502,504 : UN5219 or DTC113ZUA
Q503 : KTA1273 or 2SA1534A(R,S)
Q505 : 2SB1640

D1-4,13,14,501,502 : 1SS133 or HSS104A
D6,7 : MTZJ7.5(B) or RD7.5JS(B)
D8 : MTZJ3.9(B) or HZS3.9N(B2)
D11,12,301,302 : RB721Q
D16 : 1SS300 or DAP202U or MA142WA
D303 : MTZJ5.6(B) or HZS5.6N(B2)
D504 : 1SS301 or DAN202U or MA142WK

RECORDING LINE
DIGITAL LINE
SIGNAL LINE
GND LINE
+B LINE
−B LINE

RXD-A601 (X13-7630-11)

DESTINATION		UNIT No.	Ⓐ Ⓓ	Ⓑ Ⓒ Ⓔ Ⓕ	R21-23,30,215,217,363,364, 366,373,374,385,387,388	R107	R341, 342	R352	R367,379-382, 517,537,538	C9,10,13,14,37,371,381, 385,386,391-396,515,516	C353, 354,530
COUNTRY	ABB.										
U.S.A.	K	0-11	NO	YES	NO	91K	15K	1K	YES	NO	YES
CANADA	P										

RXD-652 (X13-763X-XX)

DESTINATION		UNIT No.	Ⓐ Ⓓ	Ⓑ	Ⓒ Ⓔ Ⓕ	R21-23,30,217,363,364, 366,373,374,385,387,388	R107	R215	R341, 342	R352	R367,379-382, 537,538	C9,10, 391-396	C13,14,37, 371,385,386	C353 390,
COUNTRY	ABB.													
GENERAL MARKET	M	0-22	NO	YES	YES	NO	39K	NO	15K	1K	YES	NO	NO	
AUSTRALIA	X													
EUROPE	E	2-72	YES	NO			8.2K	100				YES		

RXD-652E (X13-7632-72)

DESTINATION		UNIT No.	Ⓐ Ⓓ Ⓒ Ⓔ Ⓕ	Ⓑ	R21-23,30,217,363,364, 366,373,374,385,387,388	R107	R215	R341, 342	R352	R367,379-382, 537,538	C9,10,353,354, 391-396,515,516,530	C13,14,3 385,386
COUNTRY	ABB.											
EUROPE	E1	2-72	YES	NO	NO	8.2K	100	15K	1K	YES	YES	NO

RXD-652W (X13-7633-82)

DESTINATION		UNIT No.	Ⓐ Ⓓ Ⓒ Ⓔ Ⓕ	Ⓑ	R21-23,30,363, 364,373,374,387	R107	R215	R217,366,367,379-382, 385,388,537,538	R341, 342	R352	C9,10,353,354,371,385,386, 391-396,515,516,530	C1 37
COUNTRY	ABB.											
RUSSIA	Q	3-82	YES	NO	NO	4.7K	22K	YES	15K	1K	YES	

RXD-A701 (X13-7630-10)

DESTINATION		UNIT No.	Ⓐ Ⓒ Ⓓ	Ⓑ Ⓔ Ⓕ	R21-23,30,215,217,366, 367,385,387,388,537,538	R107	R341, 342	R352	R363,364,373, 374,379-382	C9,10,13,14,37,371,381,385, 386,391-396,515,516,530	C353,35 379-382,5
COUNTRY	ABB.										
U.S.A.	K	0-10	NO	YES	NO	91K	1.3K	1K	YES	NO	YES
CANADA	P										

RXD-852 (X13-763X-XX)

DESTINATION		UNIT No.	Ⓐ Ⓓ	Ⓑ	Ⓒ	Ⓔ Ⓕ	R21-23,30,217, 366,367,385,387,388	R107	R215	R341, 342	R352	R363,364,373,374, 379-382,537,538	C9,10, 391-396	C13,14,37, 371,385,386	C35 515,5
PX	Y														
GENERAL MARKET	M	0-21	NO	YES	NO	YES	NO	39K	NO	1.3K	1K	YES	NO	NO	
AUSTRALIA	X														
U.K.	T	0-51	YES	NO				13K	100				YES		
EUROPE	E	2-71						8.2K							

RXD-852E (X13-7632-71)

DESTINATION		UNIT No.	Ⓐ Ⓓ Ⓔ Ⓕ	Ⓑ Ⓒ	R21-23,30,217, 366,367,385,387,388	R107	R215	R341, 342	R352	R363,364,373,374, 379-382,537,538	C9,10,353,354, 391-396,515,516,530	C13,14 385,38
COUNTRY	ABB.											
EUROPE	E1	2-71	YES	NO	NO	8.2K	100	1.3K	1K	YES	YES	N

RXD-852W (X13-7633-81)

DESTINATION		UNIT No.	Ⓐ Ⓓ Ⓔ Ⓕ	Ⓑ Ⓒ	R21-23, 30,367,387	R107	R215	R217,363,364,366,373,374, 379-382,385,388,537,538	R341, 342	R352	C9,10,353,354,371,385,386, 391-396,515,516,530	C 3
COUNTRY	ABB.											
RUSSIA	Q	3-81	YES	NO	NO	4.7K	22K	YES	1.3K	1K	YES	

RXD-A81 (X13-7640-10)

DESTINATION		UNIT No.	Ⓐ Ⓒ Ⓓ Ⓔ Ⓕ	Ⓑ	R21-23,30,363, 364,373,374,387	R107	R215,217,366,367, 379-382,385,388,537,538	R341, 342	R352	C9,10,353,354,371,381,385, 386,391-396,515,516,530	C13, 37,51
COUNTRY	ABB.										
U.S.A.	K	0-10	NO	YES	YES	91K	NO	1.3K	100	NO	YES
CANADA	P										

RXD-752 (X13-764X-XX)

DESTINATION		UNIT No.	Ⓐ Ⓓ	Ⓑ	Ⓒ Ⓔ Ⓕ	R21-23,30,363,364, 373,374,387,537,538	R107	R215	R217,366,367, 379-382,385,388	R341, 342	R352	C9,10, 391-396	C13,14,37, 515,516,530	C353,3 371,385
PX	Y													
GENERAL MARKET	M	0-21	NO	YES	NO	YES	39K	NO	NO	1.3K	100	NO	YES	NO
AUSTRALIA	X													
U.K.	T	0-51	YES	NO			13K	100				YES		
EUROPE	E	2-71					8.2K							

RXD-752E (X13-7642-71)

DESTINATION		UNIT No.	Ⓐ Ⓓ	Ⓑ Ⓒ Ⓔ Ⓕ	R21-23,30,363,364, 373,374,387,537,538	R107	R215, 352	R217,366,367, 379-382,385,388	R341, 342	C9,10,13,14,37, 391-396,515,516,530	C353,354,371, 385,386,517
COUNTRY	ABB.										
EUROPE	E1	2-71	YES	NO	YES	8.2K	100	NO	1.3K	YES	NO

RXD-752W (X13-7643-81)

DESTINATION		UNIT No.	Ⓐ Ⓓ	Ⓑ Ⓒ Ⓔ Ⓕ	R21-23,30,217,363,364, 366,373,374,387,537,538	R107	R215	R341, 342	R367,379-382,385,388	R352	C9,10,13,14,37,385,386, 391-396,515,516,530	C353,3 371,51
COUNTRY	ABB.											
RUSSIA	Q	3-81	YES	NO	YES	4.7K	22K	1.3K	NO	100	YES	NO

RXD-702 (X13-7642-71)

DESTINATION		UNIT No	Ⓐ Ⓓ	Ⓑ Ⓒ Ⓔ Ⓕ	R21-23,30,363,364, 373,374,387,537,538	R107	R215, 352	R217,366,367, 379-382,385,388	R341, 342	C9,10,13,14,37, 391-396,515,516,530	C353,354,371, 385,386,517
COUNTRY	ABB.										
EUROPE	E	2-71	YES	NO	YES	8.2K	100	NO	1.3K	YES	NO

RXD-702E (X13-7642-71)

DESTINATION		UNIT No.	Ⓐ Ⓓ	Ⓑ Ⓒ Ⓔ Ⓕ	R21-23,30,363,364, 373,374,387,537,538	R107	R215, 352	R217,366,367, 379-382,385,388	R341, 342	C9,10,13,14,37, 391-396,515,516,530	C353,354,371, 385,386,517
COUNTRY	ABB.										
EUROPE	E1	2-71	YES	NO	YES	8.2K	100	NO	1.3K	YES	NO

RXD-702W (X13-7643-81)

DESTINATION		UNIT No.	Ⓐ Ⓓ	Ⓑ Ⓒ Ⓔ Ⓕ	R21-23,30,217,363,364, 366,373,374,387,537,538	R107	R215	R341, 342	R367,379-382, 385,388	R352	C9,10,13,14,37,385,386, 391-396,515,516,530	C353, 371,5
COUNTRY	ABB.											
RUSSIA	Q	3-81	YES	NO	YES	4.7K	22K	1.3K	NO	100	YES	NO

RXD-772S (X13-7640-22)

DESTINATION		UNIT No.	Ⓐ Ⓒ Ⓓ Ⓔ Ⓕ	Ⓑ	R21-23,30,363,364, 373,374,387,537,538	R107	R215,217,366,367, 379-382,385,388	R341, 342	R352	C9,10,353,354,371, 381,385,386,391-396	C13,14,37, 515-517,530	W 52
COUNTRY	ABB.											
GENERAL MARKET	M1	0-22	NO	YES	YES	22K	NO	1.3K	100	NO	YES	

RXD-A601 (2/5)
RXD-652/E/W (2/5)
RXD-A81 (2/5)
RXD-752/E/W (2/5)
RXD-702/E/W (2/5)
RXD-772S (2/5)
RXD-A701 (2/5)
RXD-852/E/W (2/5)

MODE	CARRIER	MODULATION		ANT INPUT
		FREQUENCY	DEVIATION	
FM	98MHz	1kHz	STEREO 67.5kHz 7.5kHz(Pilot)	60dB
AM	1000(999)kHz	400Hz	MONO 30% MOD	60dB

The DC voltage is an actual reading measured with a high impedance type voltmeter as the AM/FM signal generator is specified to the conditions as shown in the list below. The measurement value may vary depending on the measuring instruments used or on the product. The value shown in ( ) is actual reading measured in the AM made.

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

341, 342	R352	R367,379-382, 517,537,538	C9,10,13,14,37,371,381, 385,386,391-396,515,516	C353, 354,530	W1,4,5,27, 49,81,237	W2,3,52, 71,225,238	A1	A501	X501	E2	WH2	L302
15K	1K	YES	NO	YES	YES	NO	W02-2673-05	NO	L78-0299-05	NO	NO	YES

R215	R341, 342	R352	R367,379-382, 537,538	C9,10, 391-396	C13,14,37, 371,385,386	C353,354,375,377, 390,515,516,530	C381	C517	W1 27,49	W2,3, 52,71	W4,5,81, 237,238	W225	A1	A501	X501	E2	WH2	L302
NO	15K	1K	YES	NO	NO	YES	NO	YES	YES	NO	YES	NO	W02-2673-05	YES	L77-2190-05	NO	NO	NO
100				YES			100P	NO	NO			YES	W02-2674-05					

215	R341, 342	R352	R367,379-382, 537,538	C9,10,353,354, 391-396,515,516,530	C13,14,37,371, 385,386,517	C381	W1-3,27, 49,52,71	W4,5,81, 225237,238	A1	A501	X501	E2	WH2	L302
00	15K	1K	YES	YES	NO	100P	NO	YES	W02-2674-05	YES	L77-2190-05	NO	NO	NO

7,366,367,379-382, 85,388,537,538	R341, 342	R352	C9,10,353,354,371,385,386, 391-396,515,516,530	C13,14, 37,517	C381	W1,4,5,27,49, 52,71,81,237	W2,3, 225,238	A1	A501	X501	E2	WH2	L302
YES	15K	1K	YES	NO	1000P	NO	YES	W02-2675-05	YES	L77-2190-05	YES	YES	NO

1, 2	R352	R363,364,373, 374,379-382	C9,10,13,14,37,371,381,385, 386,391-396,515,516,530	C353,354, 379-382,517	W1,4,5,27, 49,81,237	W2,3,52, 71,225,238	A1	A501	X501	E2	WH2	L302
K	1K	YES	NO	YES	YES	NO	W02-2673-05	NO	L78-0299-05	NO	NO	YES

R341, 342	R352	R363,364,373,374, 379-382,537,538	C9,10, 391-396	C13,14,37, 371,385,386	C353,354, 515,516,530	C381	C517	W1 27,49	W2,3, 52,71	W4,5,81, 237,238	W225	A1	A501	X501	E2	WH2	L302
1.3K	1K	YES	NO	NO	YES	NO	YES	YES	NO	YES	NO	W02-2673-05	YES	L77-2190-05	NO	NO	NO
			YES			100P	NO	NO			YES	W02-2685-05					
												W02-2674-05					

R341, 342	R352	R363,364,373,374, 379-382,537,538	C9,10,353,354, 391-396,515,516,530	C13,14,37,371, 385,386,517	C381	W1-3,27, 49,52,71	W4,5,81, 225237,238	A1	A501	X501	E2	WH2	L302
1.3K	1K	YES	YES	NO	100P	NO	YES	W02-2674-05	YES	L77-2190-05	NO	NO	NO

3,364,366,373,374, ,385,388,537,538	R341, 342	R352	C9,10,353,354,371,385,386, 391-396,515,516,530	C13,14, 37,517	C381	W1,4,5,27,49, 52,71,81,237	W2,3, 225,238	A1	A501	X501	E2	WH2	L302
YES	1.3K	1K	YES	NO	1000P	NO	YES	W02-2675-05	YES	L77-2190-05	YES	YES	NO

7,366,367, 5,388,537,538	R341, 342	R352	C9,10,353,354,371,381,385, 386,391-396,515,516,530	C13,14, 37,517	W1,4,5,27,49, 52,71,81,237	W2,3, 225,238	A1	A501	X501	E2	WH2	L302
NO	1.3K	100	NO	YES	YES	NO	W02-2673-05	NO	L78-0299-05	NO	NO	NO

R217,366,367, 379-382,385,388	R341, 342	R352	C9,10, 391-396	C13,14,37, 515,516,530	C353,354, 371,385,386	C381	C517	W1 27,49	W2, 3,238	W4,5,52, 71,81,237	W225	A1	A501	X501	E2	WH2	L302
NO	1.3K	100	NO	YES	NO	NO	YES	YES	NO	YES	NO	W02-2673-05	YES	L77-2190-05	NO	NO	NO
			YES			100P	NO	NO			YES	W02-2685-05					
												W02-2674-05					

R217,366,367, 379-382,385,388	R341, 342	C9,10,13,14,37, 391-396,515,516,530	C353,354,371, 385,386,517	C381	W1-3, 27,49,238	W4,5,52,71, 81,225,237	A1	A501	X501	E2	WH2	L302
NO	1.3K	YES	NO	100P	NO	YES	W02-2674-05	YES	L77-2190-05	NO	NO	NO

215	R341, 342	R367,379- 382,385,388	R352	C9,10,13,14,37,385,386, 391-396,515,516,530	C353,354, 371,517	C381	W1,4,5, 27,49,238	W2,3,52,71, 81,225,237	A1	A501	X501	E2	WH2	L302
2K	1.3K	NO	100	YES	NO	1000P	NO	YES	W02-2675-05	YES	L77-2190-05	YES	YES	NO

R217,366,367, 379-382,385,388	R341, 342	C9,10,13,14,37, 391-396,515,516,530	C353,354,371, 385,386,517	C381	W1-3, 27,49,238	W4,5,52,71, 81,225,237	A1	A501	X501	E2	WH2	L302
NO	1.3K	YES	NO	100P	NO	YES	W02-2674-05	YES	L77-2190-05	NO	NO	NO

R217,366,367, 379-382,385,388	R341, 342	C9,10,13,14,37, 391-396,515,516,530	C353,354,371, 385,386,517	C381	W1-3, 27,49,238	W4,5,52,71, 81,225,237	A1	A501	X501	E2	WH2	L302
NO	1.3K	YES	NO	100P	NO	YES	W02-2674-05	YES	L77-2190-05	NO	NO	NO

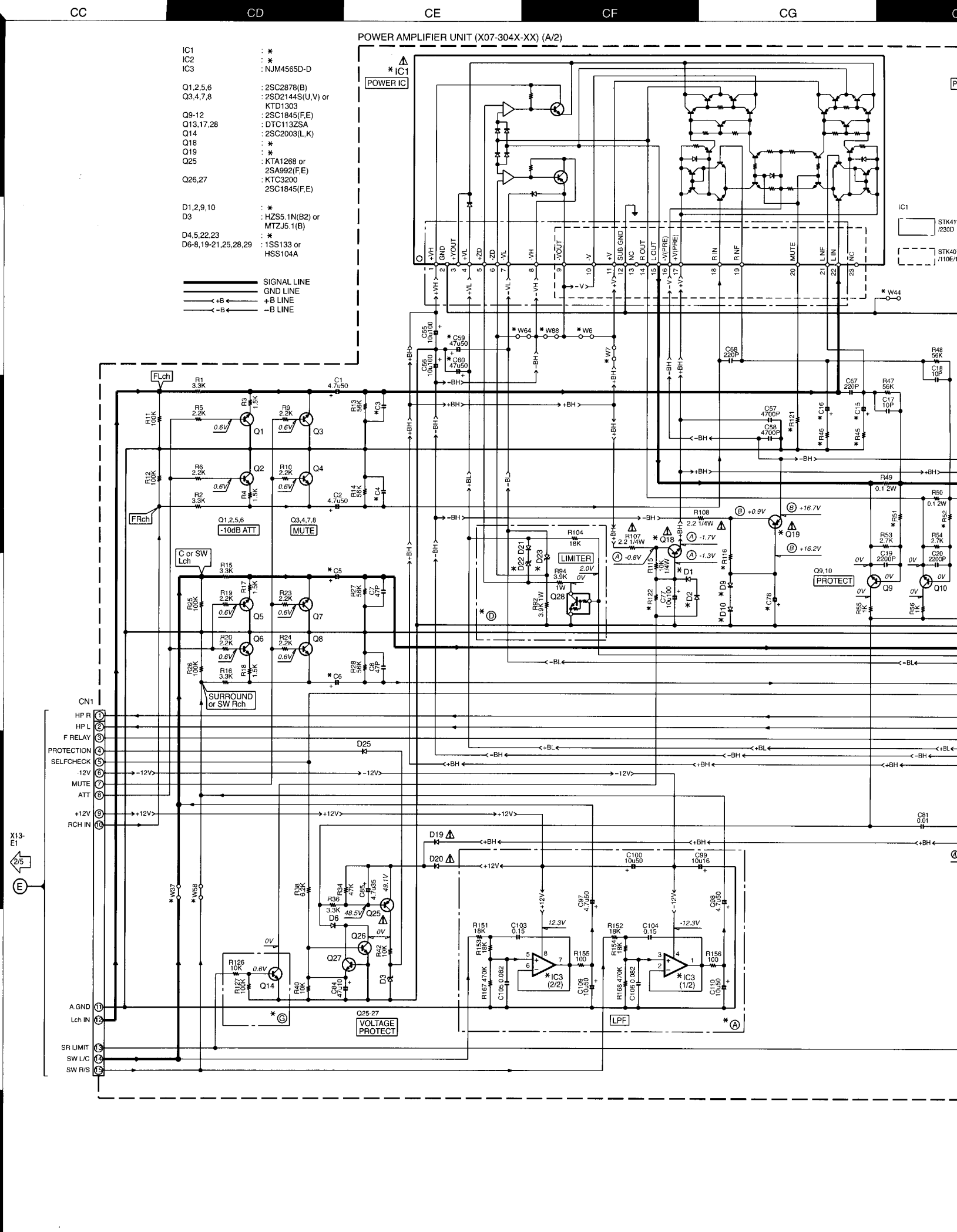
215	R341, 342	R367,379-382, 385,388	R352	C9,10,13,14,37,385,386, 391-396,515,516,530	C353,354, 371,517	C381	W1,4,5, 27,49,238	W2,3,52,71, 81,225,237	A1	A501	X501	E2	WH2	L302
2K	1.3K	NO	100	YES	NO	1000P	NO	YES	W02-2675-05	YES	L77-2190-05	YES	YES	NO

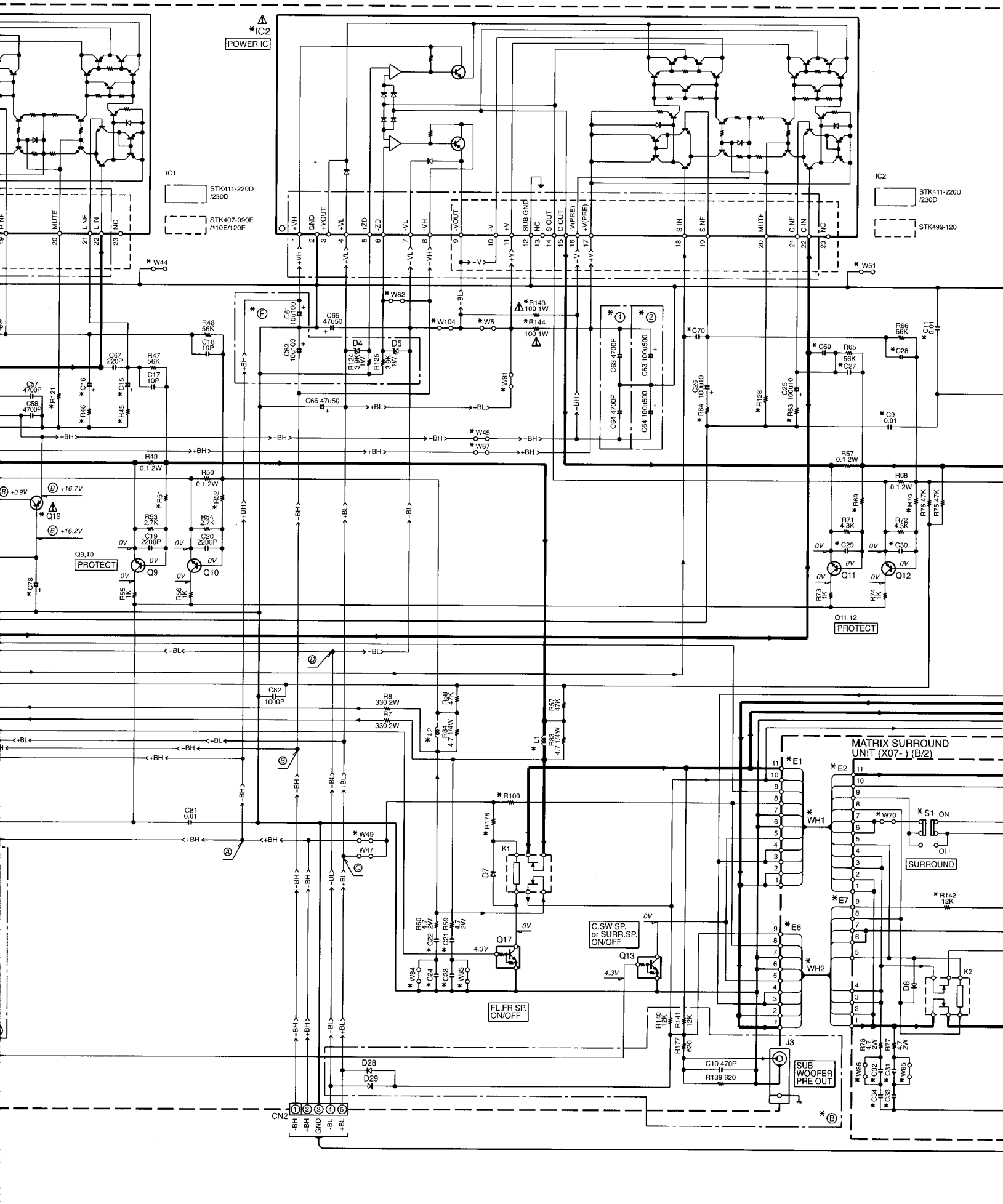
7,366,367, 2,385,388	R341, 342	R352	C9,10,353,354,371, 381,385,386,391-396	C13,14,37, 515-517,530	W1,4,5,27,49, 52,71,81,237	W2,3, 225,238	A1	A501	X501	E2	WH2	L302
NO	1.3K	100	NO	YES	YES	NO	W02-2676-05	YES	L77-2190-05	NO	NO	NO

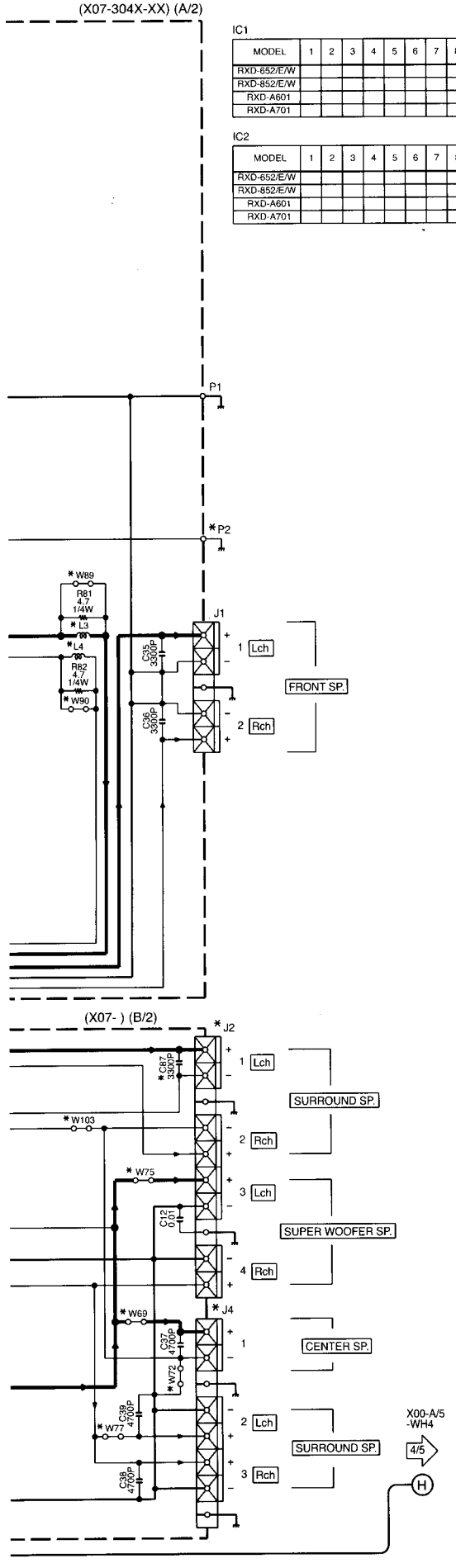
POWER AMPLIFIER UNIT (X07-304X-XX) (A/2)

IC1	: *
IC2	: *
IC3	: NJM4565D-D
Q1,2,5,6	: 2SC2878(B)
Q3,4,7,8	: 2SD2144S(U,V) or KTD1303
Q9-12	: 2SC1845(F,E)
Q13,17,28	: DTC113ZSA
Q14	: 2SC2003(L,K)
Q18	: *
Q19	: *
Q25	: KTA1268 or 2SA992(F,E)
Q26,27	: KTC3200 2SC1845(F,E)
D1,2,9,10	: *
D3	: HZS5.1N(B2) or MTZJ5.1(B)
D4,5,22,23	: *
D6-8,19-21,25,28,29	: 1SS133 or HSS104A

SIGNAL LINE
GND LINE
+B LINE
−B LINE




*IC2
POWER IC
IC1
STK411-220D /230D
STK407-090E /110E/120E
IC2
STK411-220D /230D
STK499-120
MUTE
L NF
L IN
NC
+VH
GND
+VOUT
+VL
+ZD
-ZD
-VL
-VH
VOUT
-V
+V
SUB GND
NC
S OUT
C OUT
V(PRE)
+V(PRE)
S IN
S NF
MUTE
C NF
C IN
NC
W44
W51
W82
W104
W5
W81
W45
W67
W49
W47
R143 100 1W
R144 100 1W
R48 56K
C18 10P
C67 220P
R47 56K
C17 10P
C57 4700P
C58 4700P
C16
C15
R46
R45
C61 1000/100
C62 1000/100
C65 47u50
C66 47u50
D4
D5
R124 3.9K 1W
R125 3.9K 1W
C63 4700P
C64 4700P
C63 100u500
C64 100u500
C70
C69
R65 56K
C27
R66 56K
C28
C11 0.01
C26 100u10
C25 100u10
R64
R128
R63
C9 0.01
R49 0.1 2W
R50 0.1 2W
R67 0.1 2W
R68 0.1 2W
R69
R70
R75 47K
R76 47K
R71 4.3K
R72 4.3K
C29
C30
Q19
+0.9V
+16.7V
+16.2V
Q9,10
PROTECT
Q9
Q10
Q11
Q12
Q11,12
PROTECT
R51
R52
R53 2.7K
R54 2.7K
C19 2200P
C20 2200P
R55 1K
R56 1K
R73 1K
R74 1K
C78
C82 1000P
R8 330 2W
R7 330 2W
R58 47K
R84 4.7 1/4W
L2
R57 47K
R83 4.7 1/4W
L1
R100
R178
K1
D7
C81 0.01
C22
C21
R59 2W
R60 2W
W84
C24
C23
W83
Q17
4.3V
C,SW SP. or SURR.SP. ON/OFF
Q13
4.3V
FL,FR SP. ON/OFF
MATRIX SURROUND UNIT (X07-) (B/2)
E1
E2
E6
E7
WH1
WH2
W70
S1 ON
OFF
SURROUND
R142
D8
K2
J3
SUB WOOFER PRE OUT
R140 12K
R141 12K
R177 620
C10 470P
R139 620
R79 4.7 2W
R77 4.7 2W
W86
C32
C31
W85
C34
C33
D28
D29
CN2
-BH
+BH
GND
-BL
+BL
0V
4.3V



IC1

MODEL	1	2	3	4	5	6	7	8	Ⓑ 9	Ⓑ 10	Ⓐ 11	12	13	14	15	16	17	18	19	20	21	22	23
RXD-652/E/W									-42.7V	-42.7V	42.6V					-41.5V	41.5V			-40.2V			
RXD-852/E/W									-49.6V	-49.6V	49.7V	0V	0V	0V	0V	-34.4V	48.4V	0V	0V	-33.2V	0V	0V	0V
RXD-A601									-46.3V	-46.3V	46.3V					-45.0V	45.3V			-43.7V			
RXD-A701									-53.7V	-53.7V	53.7V					-33.0V	52.7V			-31.8V			

IC2

MODEL	1	2	3	4	5	6	7	8	Ⓓ 9	Ⓓ 10	Ⓒ 11	12	13	14	15	16	17	18	19	20	21	22	23
RXD-652/E/W									-23.0V	-23.0V	22.9V					-21.8V	21.9V			-20.5V			
RXD-852/E/W									-25.7V	-25.7V	25.7V	0V	0V	0V	0V	-24.5V	24.6V	0V	0V	-22.8V	0V	0V	0V
RXD-A601									-24.6V	-24.6V	24.5V					-23.4V	23.5V			-22.2V			
RXD-A701									-24.7V	-24.7V	24.6V												

IC1

MODEL	Ⓐ 1	2	3	Ⓒ 4	5	6	Ⓓ 7	Ⓑ 8	9
RXD-702/E/W RXD-752/E/W RXD-772S	50.3V	0V	24.4V	25.0V	18.3V	-18.4V	-25.1V	-50.3V	-24.5V
RXD-A81	63.8V		35.5V	36.1V	27.5V	-28.2V	-36.2V	-63.9V	-35.7V

IC2

MODEL	Ⓐ 1	2	3	Ⓒ 4	5	6	Ⓓ 7	Ⓑ 8	9
RXD-702/E/W RXD-752/E/W RXD-772S	50.3V	0V	24.4V	25.0V	18.3V	-18.4V	-25.1V	-50.3V	-24.5V
RXD-A81	63.8V		35.5V	36.1V	27.5V	-28.2V	-36.2V	-63.9V	-35.7V

RXD-A601 (X07-3040-11)

DESTINATION		UNIT No.	Ⓐ Ⓓ Ⓕ	Ⓑ Ⓖ	C3,4	C5,6	C9,11	C15,16	C21,22, 33,34	C23,24,31,32, 59,60,87	C27, 28	C29, 30	C69, 70	C78	D1,2,4,5,9, 10,22,23	E1,2	E6,7	J2	J4	L1-4	Q18	C
COUNTRY	ABB.																					
U.S.A	K	0-11	NO	YES	47P	4.7u50	NO	10u16	0.1	NO	15P	2200P	330P	10u100	NO	NO	YES	NO	6P	1.25uH	2SD2525	2SA1
CANADA	P																					

RXD-652 (X07-3042-72)

DESTINATION		UNIT No.	Ⓐ Ⓓ Ⓕ	Ⓑ Ⓖ	C3,4	C5,6	C9,11	C15,16	C21,22, 33,34	C23,24, 31,32	C27, 28	C29, 30	C59,60, 87	C69, 70	C78	D1,2,4,5,9, 10,22,23	E1,2	E6,7	J2	J4	L1-4	Q18	
COUNTRY	ABB.																						
GENERAL MARKET	M																						
AUSTRALIA	X	2-72	NO	YES	10P	4.7u50	YES	10u16	0.22	YES	15P	2200P	NO	330P	10u100	NO	NO	YES	NO	6P	1.25uH	2SD2525	2
EUROPE	E																						

RXD-652E (X07-3042-72)

DESTINATION		UNIT No.	Ⓐ Ⓓ Ⓕ	Ⓑ Ⓖ	C3,4	C5,6	C9,11	C15,16	C21,22, 33,34	C23,24, 31,32	C27, 28	C29, 30	C59,60, 87	C69, 70	C78	D1,2,4,5,9, 10,22,23	E1,2	E6,7	J2	J4	L1-4	Q18	
COUNTRY	ABB.																						
EUROPE	E1	2-72	NO	YES	10P	4.7u50	YES	10u16	0.22	YES	15P	2200P	NO	330P	10u100	NO	NO	YES	NO	6P	1.25uH	2SD2525	2

RXD-652W (X07-3042-72)

DESTINATION		UNIT No.	Ⓐ Ⓓ Ⓕ	Ⓑ Ⓖ	C3,4	C5,6	C9,11	C15,16	C21,22, 33,34	C23,24, 31,32	C27, 28	C29, 30	C59,60, 87	C69, 70	C78	D1,2,4,5,9, 10,22,23	E1,2	E6,7	J2	J4	L1-4	Q18	
COUNTRY	ABB.																						
RUSSIA	Q	2-72	NO	YES	10P	4.7u50	YES	10u16	0.22	YES	15P	2200P	NO	330P	10u100	NO	NO	YES	NO	6P	1.25uH	2SD2525	2

RXD-A81 (X07-3040-12)

DESTINATION		UNIT No.	Ⓐ Ⓓ Ⓕ Ⓖ	Ⓑ	C3,4	C5,6	C9,11	C15,16	C21,22, 33,34	C23,24, 31,32	C27, 28	C29, 30	C59,60, 87	C69, 70	C78	D1	D2	D4,5, 22,23	
COUNTRY	ABB.																		
U.S.A	K	0-12	YES	NO	47P	10u50	NO	4.7u35	0.1	NO	10P	0.01	YES	220P	10u100	HZS18N(B2) or MTZJ18(B)	HZS16N(B2) or MTZJ16(B)	HZS8.2N(B2) or MTZJ8.2(B)	HZS3
CANADA	P																		M

RXD-752 (X07-3042-73)

DESTINATION		UNIT No.	Ⓐ Ⓓ Ⓕ	Ⓑ Ⓖ	C3,4	C5,6	C9,11	C15,16	C21,22, 33,34	C23,24,31,32, 59,60,87	C27, 28	C29, 30	C69, 70	C78	D1,2	D4,5,22, 23	D9,10	E1,2	E6,7	J2
COUNTRY	ABB.																			
PX	Y																			
GENERAL MARKET	M																			
AUSTRALIA	X	2-73	YES	NO	10P	10u50	NO	4.7u35	0.22	YES	10P	0.01	220P	22u100	NO	HZS6.8N(B2) or MTZJ6.8(B)	HZS18N(B2) or MTZJ18(B)	YES	NO	8P
U.K	T																			
EUROPE	E																			

RXD-702 (X07-3042-73)

DESTINATION		UNIT No.	Ⓐ Ⓓ Ⓕ	Ⓑ Ⓖ	C3,4	C5,6	C9,11	C15,16	C21,22, 33,34	C23,24,31,32, 59,60,87	C27, 28	C29, 30	C69, 70	C78	D1,2	D4,5,22, 23	D9,10	E1,2	E6,7	J2
COUNTRY	ABB.																			
EUROPE	E	2-73	YES	NO	10P	10u50	NO	4.7u35	0.22	YES	10P	0.01	220P	22u100	NO	HZS6.8N(B2) or MTZJ6.8(B)	HZS18N(B2) or MTZJ18(B)	YES	NO	8P

RXD-702E/752E (X07-3042-73)

DESTINATION		UNIT No.	Ⓐ Ⓓ Ⓕ	Ⓑ Ⓖ	C3,4	C5,6	C9,11	C15,16	C21,22, 33,34	C23,24,31,32, 59,60,87	C27, 28	C29, 30	C69, 70	C78	D1,2	D4,5,22, 23	D9,10	E1,2	E6,7	J2
COUNTRY	ABB.																			
EUROPE	E1	2-73	YES	NO	10P	10u50	NO	4.7u35	0.22	YES	10P	0.01	220P	22u100	NO	HZS6.8N(B2) or MTZJ6.8(B)	HZS18N(B2) or MTZJ18(B)	YES	NO	8P

RXD-702W/752W (X07-3042-73)

DESTINATION		UNIT No.	Ⓐ Ⓓ Ⓕ	Ⓑ Ⓖ	C3,4	C5,6	C9,11	C15,16	C21,22, 33,34	C23,24,31,32, 59,60,87	C27, 28	C29, 30	C69, 70	C78	D1,2	D4,5,22, 23	D9,10	E1,2	E6,7	J2
COUNTRY	ABB.																			
RUSSIA	Q	2-73	YES	NO	10P	10u50	NO	4.7u35	0.22	YES	10P	0.01	220P	22u100	NO	HZS6.8N(B2) or MTZJ6.8(B)	HZS18N(B2) or MTZJ18(B)	YES	NO	8P

RXD-772S (X07-3042-73)

DESTINATION		UNIT No.	Ⓐ Ⓓ Ⓕ	Ⓑ Ⓖ	C3,4	C5,6	C9,11	C15,16	C21,22, 33,34	C23,24,31,32, 59,60,87	C27, 28	C29, 30	C69, 70	C78	D1,2	D4,5,22, 23	D9,10	E1,2	E6,7	J2
COUNTRY	ABB.																			
GENERAL MARKET	M1	2-73	YES	NO	10P	10u50	NO	4.7u35	0.22	YES	10P	0.01	220P	22u100	NO	HZS6.8N(B2) or MTZJ6.8(B)	HZS18N(B2) or MTZJ18(B)	YES	NO	8P

RXD-A701 (X07-3040-10)

DESTINATION		UNIT No.	Ⓐ Ⓓ Ⓕ	Ⓑ Ⓖ	C3,4	C5,6	C9,11	C15,16	C21,22, 33,34	C23,24, 31,32	C27, 28	C29, 30	C59,60, 87	C69, 70	C78	D1	D2, 10	D4,5,22, 23	
COUNTRY	ABB.																		
U.S.A	K	0-10	NO	YES	47P	4.7u50	NO	10u16	0.1	NO	10P	2200P	NO	330P	22u100	HZS13N(B2) or MTZJ13(B)	HZS16N(B2) or MTZJ16(B)	NO	HZS1
CANADA	P																		MT

RXD-852 (X07-3042-71)

DESTINATION		UNIT No.	Ⓐ Ⓓ Ⓕ	Ⓑ Ⓖ	C3,4	C5,6	C9,11	C15,16	C21,22, 33,34	C23,24, 31,32	C27, 28	C29, 30	C59,60, 87	C69, 70	C78	D1	D2, 10	D4,5,22, 23	D9,
COUNTRY	ABB.																		
PX	Y																		
GENERAL MARKET	M																		
AUSTRALIA	X	2-71	NO	YES	10P	4.7u50	YES	10u16	0.22	YES	10P	2200P	NO	330P	22u100	HZS13N(B2) or MTZJ13(B)	HZS16N(B2) or MTZJ16(B)	NO	HZS18
U,K	T																		MTZ
EUROPE	E																		

RXD-852E (X07-3042-71)

DESTINATION		UNIT No.	Ⓐ Ⓓ Ⓕ	Ⓑ Ⓖ	C3,4	C5,6	C9,11	C15,16	C21,22, 33,34	C23,24, 31,32	C27, 28	C29, 30	C59,60, 87	C69, 70	C78	D1	D2, 10	D4,5,22, 23	D9,
COUNTRY	ABB.																		
EUROPE	E1	2-71	NO	YES	10P	4.7u50	YES	10u16	0.22	YES	10P	2200P	NO	330P	22u100	HZS13N(B2) or MTZJ13(B)	HZS16N(B2) or MTZJ16(B)	NO	HZS18
																			MTZ

RXD-852W (X07-3042-71)

DESTINATION		UNIT No.	Ⓐ Ⓓ Ⓕ	Ⓑ Ⓖ	C3,4	C5,6	C9,11	C15,16	C21,22, 33,34	C23,24, 31,32	C27, 28	C29, 30	C59,60, 87	C69, 70	C78	D1	D2, 10	D4,5,22, 23	D9,
COUNTRY	ABB.																		
RUSSIA	Q	2-71	NO	YES	10P	4.7u50	YES	10u16	0.22	YES	10P	2200P	NO	330P	22u100	HZS13N(B2) or MTZJ13(B)	HZS16N(B2) or MTZJ16(B)	NO	HZS18
																			MTZ

RXD-A601 (3/5)
RXD-652/E/W (3/5)
RXD-A81 (3/5)
RXD-752/E/W (3/5)
RXD-702/E/W (3/5)
RXD-772S (3/5)
RXD-A701 (3/5)
RXD-852/E/W (3/5)

CAUTION: For continued safety, replace safety critical components only with manu
(refer to parts list). ⚠ indicates safety critical components. For continued protection a
with same type and rating fuse(s). To reduce the risk of electric shock, leakage-curre
shall be carried out (exposed parts are acceptably insulated from the supply circuit) b
to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter
surement value may vary depending on the measuring instruments used or on the pro

2	3	Ⓒ 4	5	6	Ⓓ 7	Ⓑ 8	9	10	11	12	13	14	15	16	17	18	19	19	20	21	22	23
0V	24.4V	25.0V	18.3V	-18.4V	-25.1V	-50.3V	-24.5V	-24.5V	-24.5V	0V	0V	0V	0V	-34.2V	48.7V	0V	0V	-32.9V	0V	0V	0V	
	35.5V	36.1V	27.5V	-28.2V	-36.2V	-63.9V	-35.7V	-35.7V	-35.7V					-39.8V	33.0V			-38.6V				

2	3	Ⓒ 4	5	6	Ⓓ 7	Ⓑ 8	9	10	11	12	13	14	15	16	17	18	19	19	20	21	22	23
0V	24.4V	25.0V	18.3V	-18.4V	-25.1V	-50.3V	-24.5V	-24.5V	-24.5V	0V	0V	0V	0V	-34.2V	48.7V	0V	0V	-32.9V	0V	0V	0V	
	35.5V	36.1V	27.5V	-28.1V	-36.2V	-63.9V	-35.7V	-35.7V	-35.7V					-39.8V	33.0V			-38.6V				

9, 0	C78	D1,2,4,5,9, 10,22,23	E1,2	E6,7	J2	J4	L1-4	Q18	Q19	R45,46, 63,64	R51, 52	R69, 70	R100, 178	R116	R121,122, 128	R142-144	S1	W5,6,45,49,70, 75,87,103,	W7,37,44,47,51,58,64,69, 72,77,81-86,88,104	WH1	WH2	IC1	IC2	P2	①	②
0P	10u100	NO	NO	YES	NO	6P	1.25uH	2SD2525	2SA1265(F)	910	2.4K	1.1K	33 2W	10K 1/4W	20K	YES	NO	NO	YES	NO	YES	STK407-090E	STK499-120	NO	NO	YES

C69, 70	C78	D1,2,4,5,9, 10,22,23	E1,2	E6,7	J2	J4	L1-4	Q18	Q19	R45,46, 63,64	R51, 52	R69, 70	R100, 178	R116	R121, 122	R128	R142-144	S1	W5,6,45,70,75, 83-87,103	W7,37,44,49,51,58,64,69, 72,77,81,82,88,104	WH1	WH2	IC1	IC2	P2	①	②
330P	10u100	NO	NO	YES	NO	6P	1.25uH	2SD2525	2SA1265(F)	1K	3K	820	330 2W	10K 1/4W	27K	20K	YES	NO	NO	YES	NO	YES	STK407-090E	STK499-120	YES	NO	YES

C69, 70	C78	D1,2,4,5,9, 10,22,23	E1,2	E6,7	J2	J4	L1-4	Q18	Q19	R45,46, 63,64	R51, 52	R69, 70	R100, 178	R116	R121, 122	R128	R142-144	S1	W5,6,45,70,75, 83-87,103	W7,37,44,49,51,58,64,69, 72,77,81,82,88,104	WH1	WH2	IC1	IC2	P2	①	②
330P	10u100	NO	NO	YES	NO	6P	1.25uH	2SD2525	2SA1265(F)	1K	3K	820	330 2W	10K 1/4W	27K	20K	YES	NO	NO	YES	NO	YES	STK407-090E	STK499-120	YES	NO	YES

C69, 70	C78	D1,2,4,5,9, 10,22,23	E1,2	E6,7	J2	J4	L1-4	Q18	Q19	R45,46, 63,64	R51, 52	R69, 70	R100, 178	R116	R121, 122	R128	R142-144	S1	W5,6,45,70,75, 83-87,103	W7,37,44,49,51,58,64,69, 72,77,81,82,88,104	WH1	WH2	IC1	IC2	P2	①	②
330P	10u100	NO	NO	YES	NO	6P	1.25uH	2SD2525	2SA1265(F)	1K	3K	820	330 2W	10K 1/4W	27K	20K	YES	NO	NO	YES	NO	YES	STK407-090E	STK499-120	YES	NO	YES

9, 0	C78	D1	D2	D4,5, 22,23	D9	D10	E1,2	E6,7	J2	J4	L1-4	Q18	Q19	R45,46, 63,64	R51,52, 69,70	R100, 178	R116	R121, 128	R122, 142-144	S1	W5,6,45,47,70, 75,83-87,103	W7,37,44,49,51,58,64,69, 72,77,81,82,88,104	WH1	WH2	IC1	IC2	P2	①	②
0P	10u100	HZS18N(B2) or MTZJ18(B)	HZS16N(B2) or MTZJ16(B)	HZS8.2N(B2) or MTZJ8.2(B)	HZS30N(B2) or MTZJ30(B)	HZS11N(B2) or MTZJ11(B)	YES	NO	8P	NO	3uH	2SD2012	2SB1370	680	3K	560 2W	10K 1/4W	33K	NO	YES	YES	NO	YES	NO	STK411-230D	STK411-230D	NO	YES	NO

	C78	D1,2	D4,5,22, 23	D9,10	E1,2	E6,7	J2	J4	L1-4	Q18	Q19	R45,46, 63,64	R51,52, 69,70	R100, 178	R116	R121, 128	R122, 142-144	S1	W5,6,45,47, 70,75,87	W7,37,44,49,51,58,64,69,72, 77,81-86,88,103,104	WH1	WH2	IC1	IC2	P2	①	②
	22u100	NO	HZS6.8N(B2) or MTZJ6.8(B)	HZS18N(B2) or MTZJ18(B)	YES	NO	8P	NO	3uH	2SC3245A	2SB1370	820	3K	47 2W	4.7K 1/4W	33K	NO	YES	YES	NO	YES	NO	STK411-220D	STK411-220D	NO	YES	NO

	C78	D1,2	D4,5,22, 23	D9,10	E1,2	E6,7	J2	J4	L1-4	Q18	Q19	R45,46, 63,64	R51,52, 69,70	R100, 178	R116	R121, 128	R122, 142-144	S1	W5,6,45,47, 70,75,87	W7,37,44,49,51,58,64,69,72, 77,81-86,88,103,104	WH1	WH2	IC1	IC2	P2	①	②
	22u100	NO	HZS6.8N(B2) or MTZJ6.8(B)	HZS18N(B2) or MTZJ18(B)	YES	NO	8P	NO	3uH	2SC3245A	2SB1370	820	3K	47 2W	4.7K 1/4W	33K	NO	YES	YES	NO	YES	NO	STK411-220D	STK411-220D	NO	YES	NO

	C78	D1,2	D4,5,22, 23	D9,10	E1,2	E6,7	J2	J4	L1-4	Q18	Q19	R45,46, 63,64	R51,52, 69,70	R100, 178	R116	R121, 128	R122, 142-144	S1	W5,6,45,47, 70,75,87	W7,37,44,49,51,58,64,69,72, 77,81-86,88,103,104	WH1	WH2	IC1	IC2	P2	①	②
	22u100	NO	HZS6.8N(B2) or MTZJ6.8(B)	HZS18N(B2) or MTZJ18(B)	YES	NO	8P	NO	3uH	2SC3245A	2SB1370	820	3K	47 2W	4.7K 1/4W	33K	NO	YES	YES	NO	YES	NO	STK411-220D	STK411-220D	NO	YES	NO

	C78	D1,2	D4,5,22, 23	D9,10	E1,2	E6,7	J2	J4	L1-4	Q18	Q19	R45,46, 63,64	R51,52, 69,70	R100, 178	R116	R121, 128	R122, 142-144	S1	W5,6,45,47, 70,75,87	W7,37,44,49,51,58,64,69,72, 77,81-86,88,103,104	WH1	WH2	IC1	IC2	P2	①	②
	22u100	NO	HZS6.8N(B2) or MTZJ6.8(B)	HZS18N(B2) or MTZJ18(B)	YES	NO	8P	NO	3uH	2SC3245A	2SB1370	820	3K	47 2W	4.7K 1/4W	33K	NO	YES	YES	NO	YES	NO	STK411-220D	STK411-220D	NO	YES	NO

C69, 70	C78	D1	D2, 10	D4,5,22, 23	D9	E1,2	E6,7	J2	J4	L1-4	Q18	Q19	R45,46,63, 64,69,70	R51, 52	R100, 178	R116	R121, 128	R122	R142 -144	S1	W5,6,45,49,70, 75,87,103	W7,37,44,47,51,58,64,69, 72,77,81-86,88,104	WH1	WH2	IC1	IC2	P2	①	②
330P	22u100	HZS13N(B2) or MTZJ13(B)	HZS16N(B2) or MTZJ16(B)	NO	HZS18N(B2) or MTZJ18(B)	NO	YES	NO	6P	1.25uH	2SD2525	2SB1640	820	3K	180 2W	4.7K 1/4W	20K	NO	YES	NO	NO	YES	NO	YES	STK407-120E	STK499-120	NO	NO	YES

C69, 70	C78	D1	D2, 10	D4,5,22, 23	D9,10	E1,2	E6,7	J2	J4	L1-4	Q18	Q19	R45,46, 63,64	R51, 52	R69, 70	R100, 178	R116	R121, 128	R122	R142 -144	S1	W5,6,45,49,70,75, 83-87,103	W7,37,44,47,51,58,64,69, 72,77,81,82,88,104	WH1	WH2	IC1	IC2	P2	①	②
330P	22u100	HZS13N(B2) or MTZJ13(B)	HZS16N(B2) or MTZJ16(B)	NO	HZS18N(B2) or MTZJ18(B)	NO	YES	NO	6P	1.25uH	2SD2525	2SB1640	820	3K	620	220 2W	4.7K 1/4W	20K	NO	YES	NO	NO	YES	NO	YES	STK407-120E	STK499-120	YES	NO	YES

C69, 70	C78	D1	D2, 10	D4,5,22, 23	D9,10	E1,2	E6,7	J2	J4	L1-4	Q18	Q19	R45,46, 63,64	R51, 52	R69, 70	R100, 178	R116	R121, 128	R122	R142 -144	S1	W5,6,45,49,70,75, 83-87,103	W7,37,44,47,51,58,64,69, 72,77,81,82,88,104	WH1	WH2	IC1	IC2	P2	①	②
330P	22u100	HZS13N(B2) or MTZJ13(B)	HZS16N(B2) or MTZJ16(B)	NO	HZS18N(B2) or MTZJ18(B)	NO	YES	NO	6P	1.25uH	2SD2525	2SB1640	820	3K	620	220 2W	4.7K 1/4W	20K	NO	YES	NO	NO	YES	NO	YES	STK407-120E	STK499-120	YES	NO	YES

C69, 70	C78	D1	D2, 10	D4,5,22, 23	D9,10	E1,2	E6,7	J2	J4	L1-4	Q18	Q19	R45,46, 63,64	R51, 52	R69, 70	R100, 178	R116	R121, 128	R122	R142 -144	S1	W5,6,45,49,70,75, 83-87,103	W7,37,44,47,51,58,64,69, 72,77,81,82,88,104	WH1	WH2	IC1	IC2	P2	①	②
330P	22u100	HZS13N(B2) or MTZJ13(B)	HZS16N(B2) or MTZJ16(B)	NO	HZS18N(B2) or MTZJ18(B)	NO	YES	NO	6P	1.25uH	2SD2525	2SB1640	820	3K	620	220 2W	4.7K 1/4W	20K	NO	YES	NO	NO	YES	NO	YES	STK407-120E	STK499-120	YES	NO	YES

y critical components only with manufacturer's recommended parts
mponents. For continued protection against risk of fire, replace only
e risk of electric shock, leakage-current or resistance measurements
bly insulated from the supply circuit) before the appliance is returned

with a high impedance type voltmeter with no signal input. The mea-
suring instruments used or on the product.

RXD-652/702/752/772S/852/A81/A601/A701

KENWOOD

RXD-A601 (X00-2940-11)

DESTINATION		UNIT No.	Ⓐ	T1	S1,2	CN5,6, 11,12	CN9, 10	W17, 21	W39, 43	C1	C2	C3,4	C20, 22	C33	C34,35	R1	R21, 26,38	R25	Q3	Q7	D1,3	D8	F1, 2	F4
COUNTRY	ABB.																							
U.S.A	K	0-11	NO	L07-2654-05	NO	NO	YES	YES	NO	3300u25	1000u25	4700u56	NO	YES	2200u35	1.0 1/4W	YES	NO	KTA1273 or 2SA1534A(R,S)	NO	D4SBL20UF03 or or TS4B03G	NO	NO	3.15 125
CANADA	P																							

RXD-652 (X00-294X-XX)

DESTINATION		UNIT No.	Ⓐ	T1	S1,2	CN5, 6	CN9-12	W17, 21	W39, 43	C1	C2	C3,4	C20	C22	C33	C34,35	R1	R21, 25,38	R26	Q3	Q7	D1,3	D8
COUNTRY	ABB.																						
GENERAL MARKET	M	0-22	YES	L07-2657-05	YES	YES	YES	NO	NO	3300u35	1000u35	3900u56	NO	YES	NO	2200u35	1.5 1/4W	YES	NO	2SB1370(E,F) or 2SB1375	YES	D4SBL20UF03 or TS4B03G	YES
AUSTRALIA	X	2-72	NO	L07-2661-05	NO	NO		YES					YES	NO						KTA1273 or 2SA1534A(R,S)	NO		NO
EUROPE	E																						

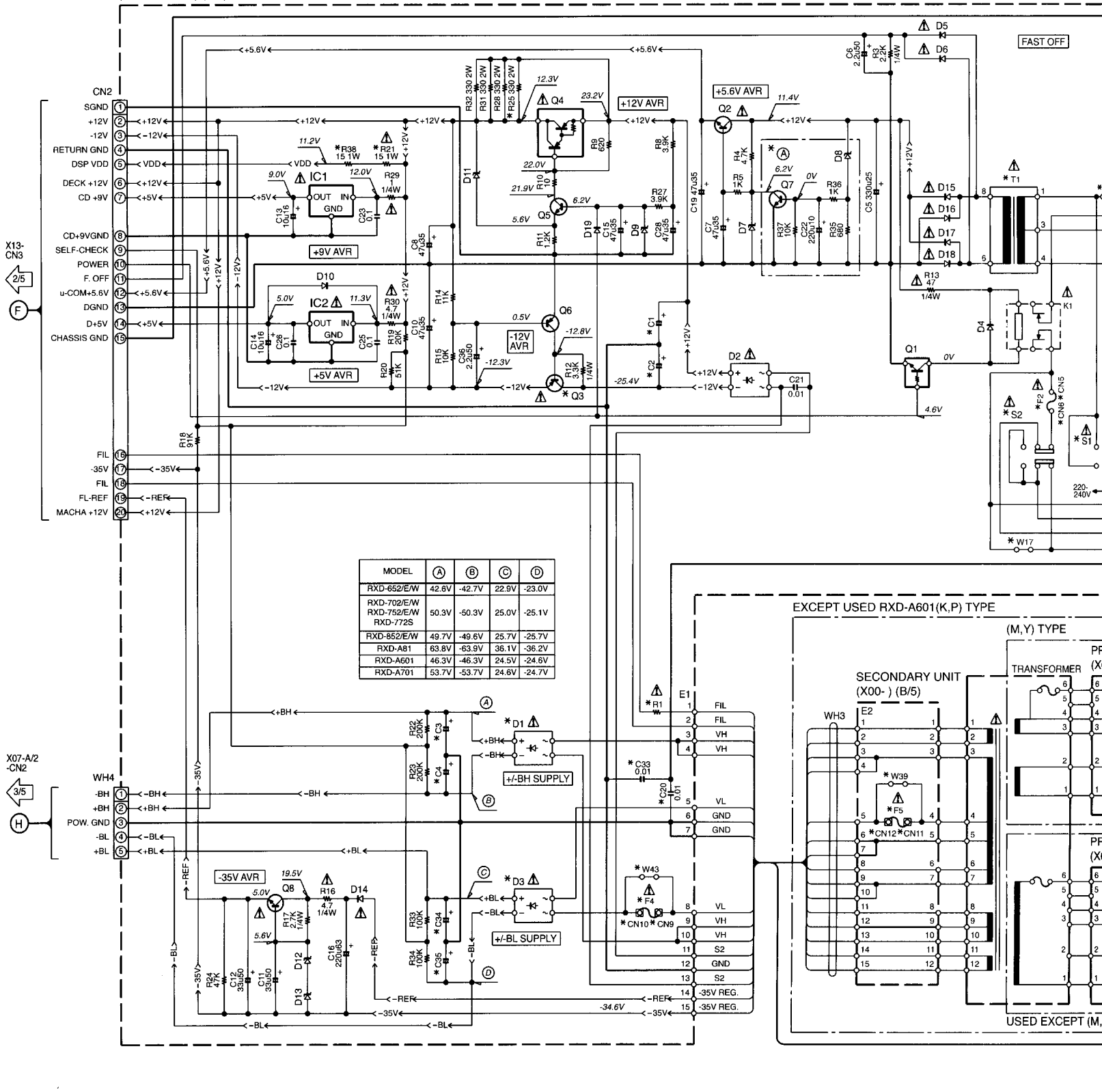
RXD-652E (X00-2942-72)

DESTINATION		UNIT No.	Ⓐ	T1	S1,2	CN5, 6	CN9-12	W17, 21	W39, 43	C1	C2	C3,4	C20	C22, 33	C34,35	R1	R21, 25,38	R26,	Q3	Q7	D1,3	D8	F1
COUNTRY	ABB.																						
EUROPE	E1	2-72	NO	L07-2661-05	NO	NO	YES	YES	NO	3300u35	1000u35	3900u56	YES	NO	2200u35	1.5 1/4W	YES	NO	KTA1273 or 2SA1534A(R,S)	NO	D4SBL20UF03 or TS4B03G	NO	T2AL 250V

RXD-652W (X00-2942-72)

DESTINATION		UNIT No.	Ⓐ	T1	S1,2	CN5, 6	CN9-12	W17, 21	W39, 43	C1	C2	C3,4	C20	C22, 33	C34,35	R1	R21, 25,38	R26,	Q3	Q7	D1,3	D8	F1
COUNTRY	ABB.																						
RUSSIA	Q	2-72	NO	L07-2661-05	NO	NO	YES	YES	NO	3300u35	1000u35	3900u56	YES	NO	2200u35	1.5 1/4W	YES	NO	KTA1273 or 2SA1534A(R,S)	NO	D4SBL20UF03 or TS4B03G	NO	T2AL 250V

POWER SUPPLY UNIT
(X00-294X-XX) (A/5)



MODEL	Ⓐ	Ⓑ	Ⓒ	Ⓓ
RXD-652/E/W	42.6V	-42.7V	22.9V	-23.0V
RXD-702/E/W RXD-752/E/W RXD-772S	50.3V	-50.3V	25.0V	-25.1V
RXD-852/E/W	49.7V	-49.6V	25.7V	-25.7V
RXD-A81	63.8V	-63.9V	36.1V	-36.2V
RXD-A601	46.3V	-46.3V	24.5V	-24.6V
RXD-A701	53.7V	-53.7V	24.6V	-24.7V

R21, 6,38	R25	Q3	Q7	D1,3	D8	F1, 2	F4	F5
YES	NO	KTA1273 or 2SA1534A(R,S)	NO	D4SBL20UF03 or or TS4B03G	NO	NO	3.15A 125V	NO

R1	R21, 25,38	R26	Q3	Q7	D1,3	D8	F1	F2	F4,5
1.5 4W	YES	NO	2SB1370(E,F) or 2SB1375	YES	D4SBL20UF03 or TS4B03G	YES	T2AL 250V	T2AL 250V	T3.15AL 250V
			KTA1273 or 2SA1534A(R,S)	NO		NO		NO	

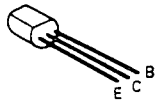
21, 6,38	R26,	Q3	Q7	D1,3	D8	F1	F2	F4,5
ES	NO	KTA1273 or 2SA1534A(R,S)	NO	D4SBL20UF03 or TS4B03G	NO	T2AL 250V	NO	T3.15AL 250V

21, 6,38	R26,	Q3	Q7	D1,3	D8	F1	F2	F4,5
ES	NO	KTA1273 or 2SA1534A(R,S)	NO	D4SBL20UF03 or TS4B03G	NO	T2AL 250V	NO	T3.15AL 250V

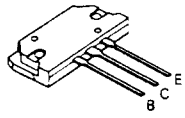
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

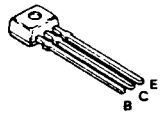
2SA1286-T11
2SA1534A
2SA954
2SA992
2SC1845
2SC2003
2SC2878
2SC3940A



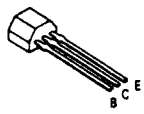
2SC2525



2SA1175
2SC2785



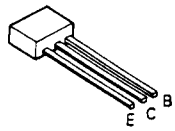
DTA113ZSA
DTA124ESA
DTC124ESA
DTC143TSA
DTC144ESA
KRC104M



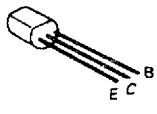
UN5116
UN5119
UN5219

2SB1370

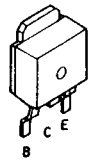
UN4212
UN4213
UN4216
2SC3311A



2SA1285A
2SC3245A

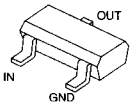


2SB1412F5

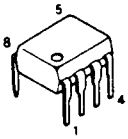


2SB1375
2SD2012

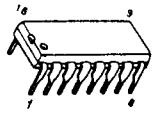
DTA143TUA
DTC124EUA



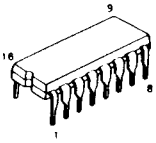
NJM4565D
NJM4565D-D



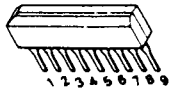
BU2090
HD74HC166P



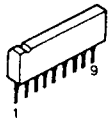
HA12136A
TC4052BP
TC74HC166AP



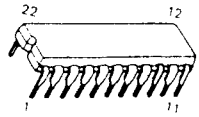
TA8409S

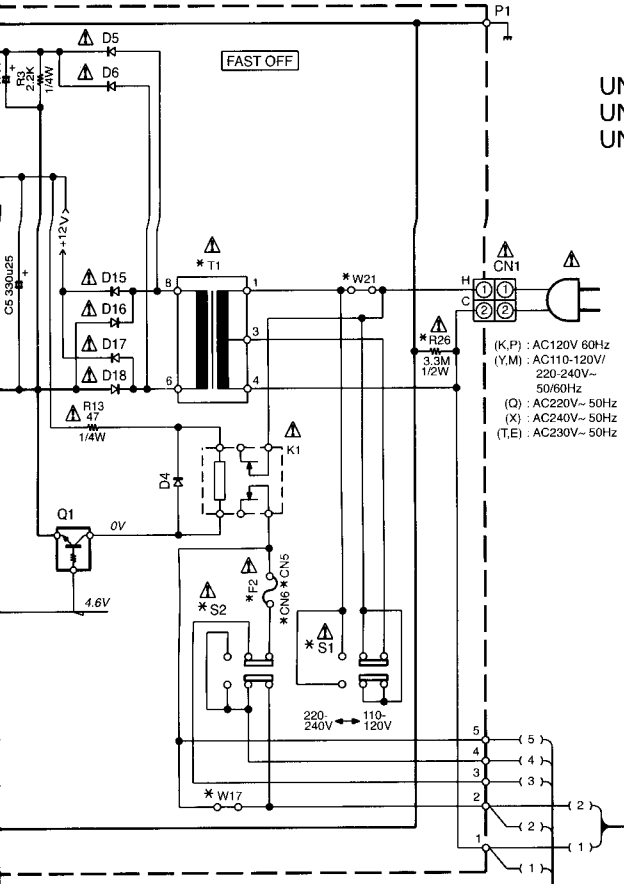


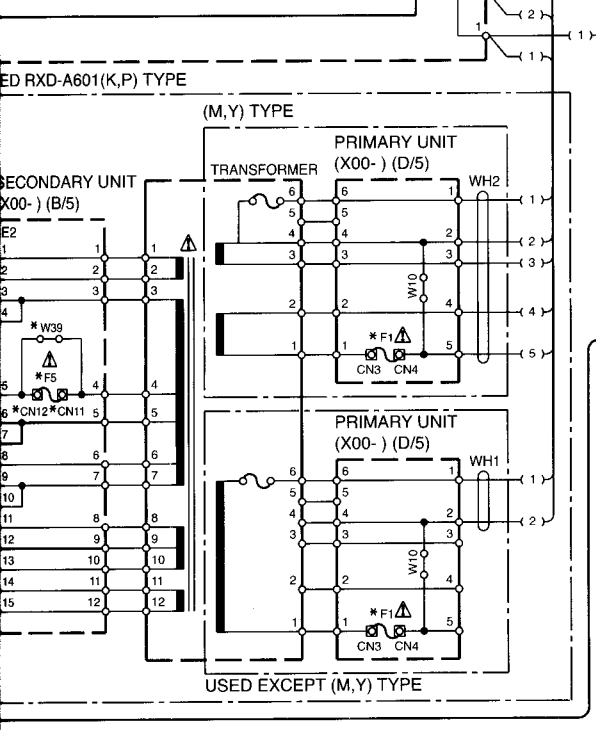
BA3126N

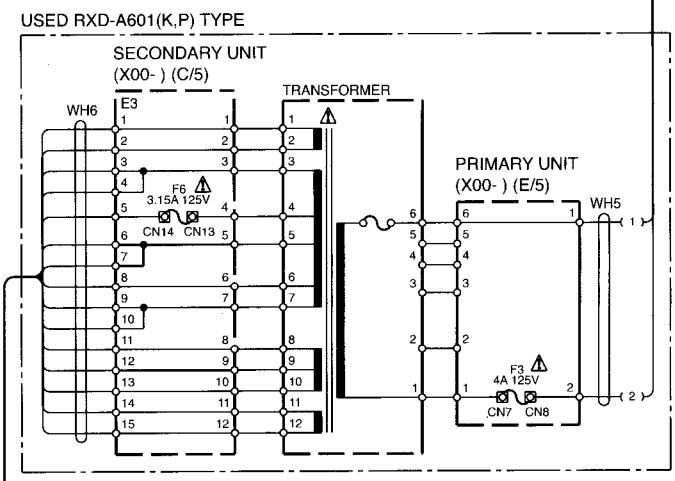


HA12219NT









RXD-A601 (4/5)
RXD-652/E/W (4/5)
RXD-A81 (4/5)
RXD-752/E/W (4/5)
RXD-702/E/W (4/5)
RXD-772S (4/5)
RXD-A701 (4/5)
RXD-852/E/W (4/5)

GND LINE
+B LINE
−B LINE

IC1	: TA7809SB
IC2	: TA7805SB
Q1	: UN4216 or DTC143TSA
Q2	: 2SC2003(L,K)
Q3	: ✱
Q4	: 2SB1624 ✱ 2
Q5,7	: KTC3199(Y,GR) or 2SC2785(F,E) or 2SC3311A(Q,R)
Q6	: KTA1268 or 2SA992(F,E)
Q8	: KTC3205 or 2SC3940A(R,S)
D1,3	: ✱
D2	: D2SBA20F03
D4-6,10,15-19	: 1SS133 or HSS104A
D7	: HZS6C2L
D8	: MTZJ16(B) or HZS16N(B2)
D9	: MTZJ6.2(B) or HZS6.2N(B2)
D11	: MTZJ6.8(B) or HZS6.8N(B2)
D12,13	: MTZJ20(B) or HZS20N(B2)
D14	: 1T2

RXD-A81 (X00-2940-12)

DESTINATION		UNIT No.	Ⓐ	T1	S1, 2	CN5,6, 9-12	W17,19, 39,43	C1	C2	C3,4	C20, 22	C33	C34,35	R1	R21, 25,38	R26	Q3	Q7	D1,3	D8	F1	F2, 4,5
COUNTRY	ABB.																					
U.S.A	K	0-12	NO	L07-2654-05	NO	NO	YES	3300u25	1000u25	4700u75	NO	YES	3300u42	1.0 1/4W	NO	YES	KTA1273 or 2SA1534A(R,S)	NO	D4SBL20UF03	NO	8A 125V	NO
CANADA	P																					

RXD-752 (X00-294X-XX)

DESTINATION		UNIT No.	Ⓐ	T1	S1, 2	CN5, 6	CN9-12	W17, 21	W39, 43	C1	C2	C3,4	C20	C22	C33	C34,35	R1	R21, 26,38	R25	Q3	Q7	D1,3	D8	F1,4,5	F2
COUNTRY	ABB.																								
PX	Y	0-23	YES	L07-2657-05	YES	YES	YES	NO	NO	3300u35	1000u35	4700u63	NO	YES	NO	3300u35	1.5 1/4W	NO	YES	2SB1370(E,F) or 2SB1375	YES	D4SBL20UF03	YES	T4AL 250V	T4AL 250V
GENERAL MARKET	M																								
AUSTRALIA	X	2-73	NO	L07-2661-05	NO	NO		YES					YES	NO						KTA1273 or 2SA1534A(R,S)	NO		NO		NO
U,K	T																								
EUROPE	E																								

RXD-702E/752E (X00-2942-73)

DESTINATION		UNIT No.	Ⓐ	T1	S1, 2	CN5, 6	CN9-12	W17, 21	W39, 43	C1,34,35	C2	C3,4	C20	C22, 33	R1	R21, 26,38	R25	Q3	Q7	D1,3	D8	F1,4,5	F2
COUNTRY	ABB.																						
EUROPE	E1	2-73	NO	L07-2661-05	NO	NO	YES	YES	NO	3300u35	1000u35	4700u63	YES	NO	1.5 1/4W	NO	YES	2SA1534A(R,S) KTA1273 or	NO	D4SBL20UF03	NO	T4AL 250V	NO

RXD-702W/752W (X00-2942-73)

DESTINATION		UNIT No.	Ⓐ	T1	S1, 2	CN5, 6	CN9-12	W17, 21	W39, 43	C1,34,35	C2	C3,4	C20	C22, 33	R1	R21, 26,38	R25	Q3	Q7	D1,3	D8	F1,4,5	F2
COUNTRY	ABB.																						
RUSSIA	Q	2-73	NO	L07-2661-05	NO	NO	YES	YES	NO	3300u35	1000u35	4700u63	YES	NO	1.5 1/4W	NO	YES	2SA1534A(R,S) KTA1273 or	NO	D4SBL20UF03	NO	T4AL 250V	NO

RXD-702 (X00-2942-73)

DESTINATION		UNIT No.	Ⓐ	T1	S1, 2	CN5, 6	CN9-12	W17, 21	W39, 43	C1,34,35	C2	C3,4	C20	C22, 33	R1	R21, 26,38	R25	Q3	Q7	D1,3	D8	F1,4,5	F2
COUNTRY	ABB.																						
EUROPE	E	2-73	NO	L07-2661-05	NO	NO	YES	YES	NO	3300u35	1000u35	4700u63	YES	NO	1.5 1/4W	NO	YES	2SA1534A(R,S) KTA1273 or	NO	D4SBL20UF03	NO	T4AL 250V	NO

RXD-772S (X00-2940-23)

DESTINATION		UNIT No.	Ⓐ	T1	S1, 2	CN5,6, 9-12	W17,21, 39,43	C1,34,35	C2	C3,4	C20, 33	C22	R1	R21, 26,38	R25	Q3	Q7	D1,3	D8	F1,2, 4,5
COUNTRY	ABB.																			
GENERAL MARKET	M1	0-23	YES	L07-2657-05	YES	YES	NO	3300u35	1000u35	4700u63	NO	YES	1.5 1/4W	NO	YES	2SB1370(E,F) or 2SB1375	YES	D4SBL20UF03	YES	T4AL 250V

RXD-A701 (X00-2940-10)

DESTINATION		UNIT No.	Ⓐ	T1	S1, 2	CN5, 6	CN9-12	W17, 21	W39, 43	C1	C2	C3,4	C20, 22	C33	C34,35	R1	R21,25, 26,38	Q3	Q7	D1,3	D8	F1	F2	F4,5
COUNTRY	ABB.																							
U.S.A	K	0-10	NO	L07-2654-05	NO	NO	YES	YES	NO	3300u25	1000u25	4700u63	NO	YES	2200u35	1.0 1/4W	YES	KTA1273 or 2SA1534A(R,S)	NO	D4SBL20UF03 or TS4B03G	NO	6.3A 125V	NO	4A 125V
CANADA	P																							

RXD-852 (X00-294X-XX)

DESTINATION		UNIT No.	Ⓐ	T1	S1, 2	CN5, 6	CN9-12	W17, 21	W39, 43	C1	C2	C3,4	C20	C22	C33	C34,35	R1	R21, 25,38	R26	Q3	Q7	D1,3	D8	F1	F2	F4,5
COUNTRY	ABB.																									
PX	Y	0-21	YES	L07-2657-05	YES	YES	YES	NO	NO	3300u35	1000u35	3900u63	NO	YES	NO	2200u35	1.5 1/4W	YES	NO	2SB1370(E,F) or 2SB1375	YES	D4SBL20UF03 or TS4B03G	YES	T3.15AL 250V	T3.15AL 250V	T4AL 250V
GENERAL MARKET	M																									
AUSTRALIA	X	2-71	NO	L07-2661-05	NO	NO		YES					YES	NO						KTA1273 or 2SA1534A(R,S)	NO		NO		NO	
U,K	T																									
EUROPE	E																									

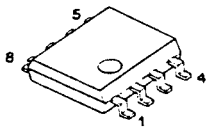
RXD-852E (X00-2942-71)

DESTINATION		UNIT No.	Ⓐ	T1	S1, 2	CN5, 6	CN9-12	W17, 21	W39, 43	C1	C2	C3,4	C20	C22, 33	C34,35	R1	R21, 25,38	R26	Q3	Q7	D1,3	D8	F1	F2	F4,5
COUNTRY	ABB.																								
EUROPE	E1	2-71	NO	L07-2661-05	NO	NO	YES	YES	NO	3300u35	1000u35	3900u63	YES	NO	2200u35	1.5 1/4W	YES	NO	KTA1273 or 2SA1534A(R,S)	NO	D4SBL20UF03 or TS4B03G	NO	T3.15AL 250V	NO	T4AL 250V

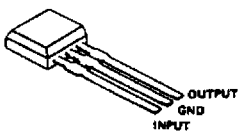
RXD-852W (X00-2942-71)

DESTINATION		UNIT No.	Ⓐ	T1	S1, 2	CN5, 6	CN9-12	W17, 21	W39, 43	C1	C2	C3,4	C20	C22, 33	C34,35	R1	R21, 25,38	R26	Q3	Q7	D1,3	D8	F1	F2	F4,5
COUNTRY	ABB.																								
RUSSIA	Q	2-71	NO	L07-2661-05	NO	NO	YES	YES	NO	3300u35	1000u35	3900u63	YES	NO	2200u35	1.5 1/4W	YES	NO	KTA1273 or 2SA1534A(R,S)	NO	D4SBL20UF03 or TS4B03G	NO	T3.15AL 250V	NO	T4AL 250V

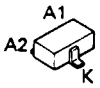
NJM4565MD



TA7805SB



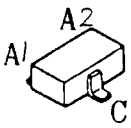
DAN202U



DAP202U

MA142WA
MA142WK
UN5212

1SS301



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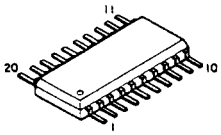

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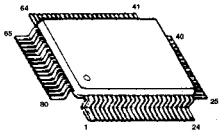
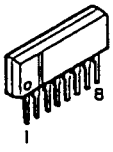
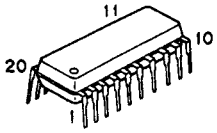
M62492FP



NJM4565L



IR3R42



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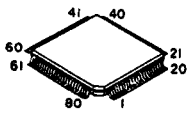
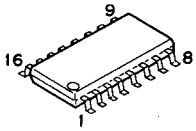
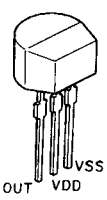


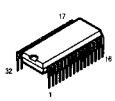
BU2090F



S-80840ANY



BA5979S



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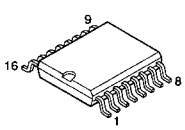
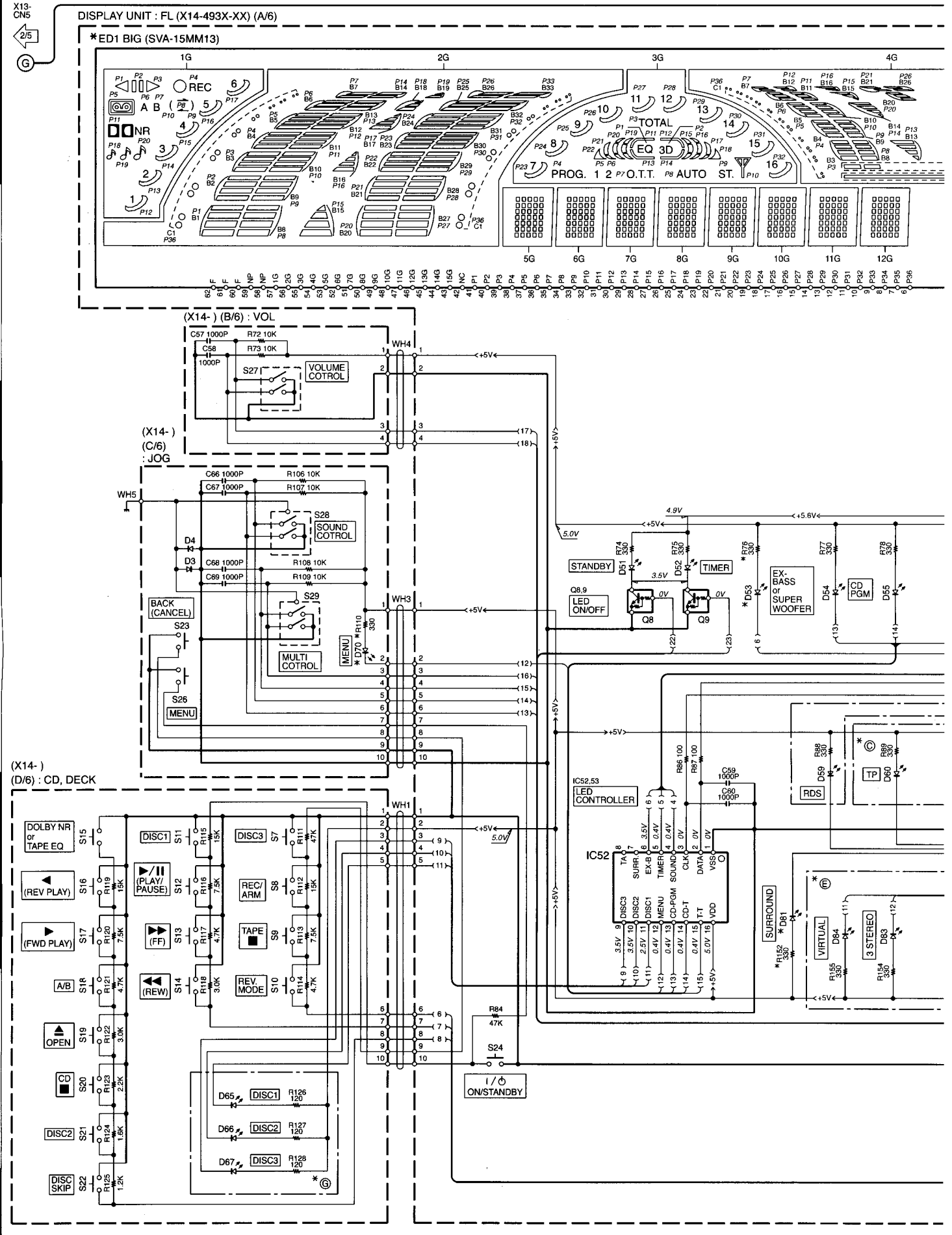


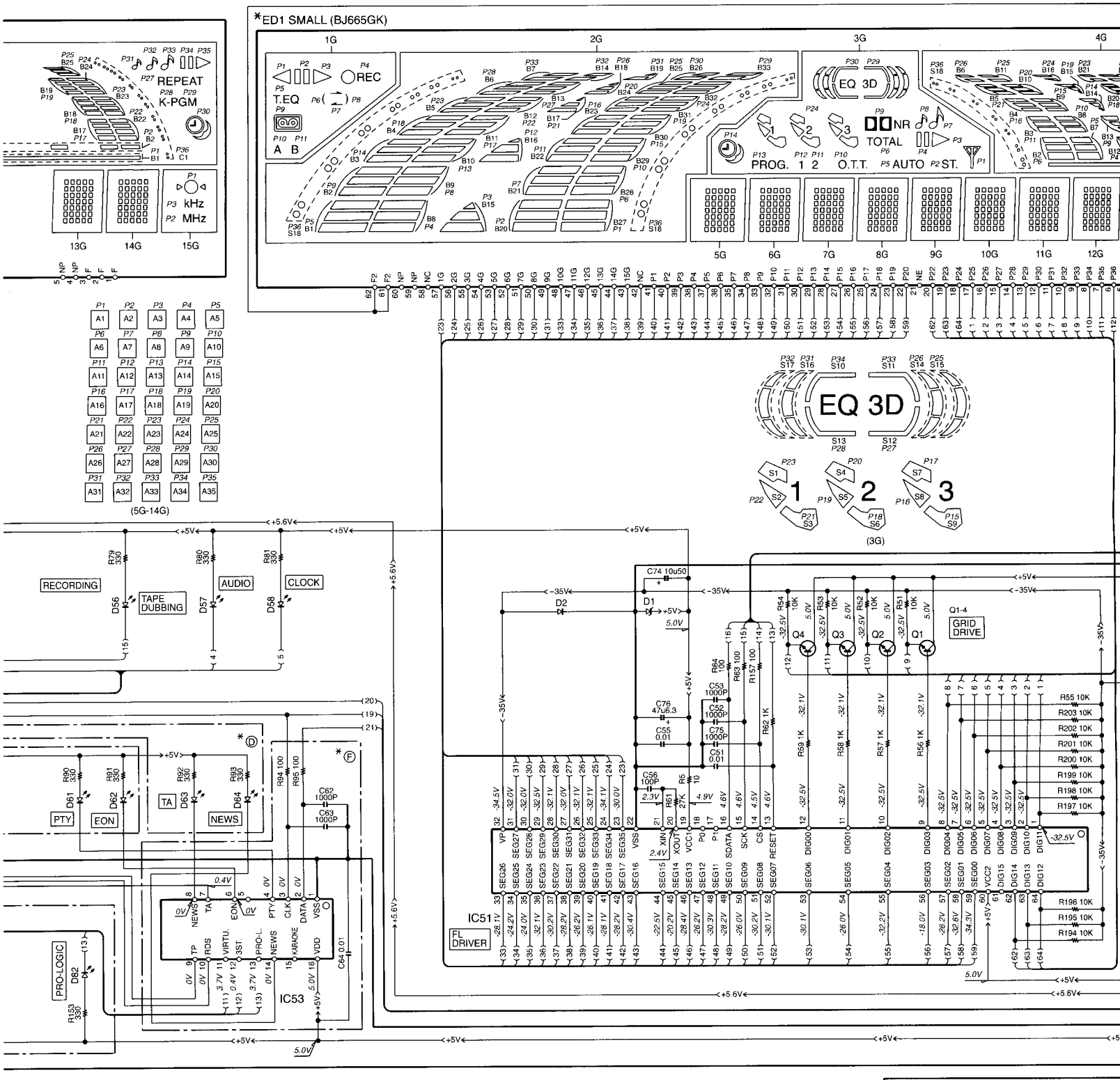
RXD-652/702/752/772S/852/A81/A601/A701

Y03-3110-10

KENWOOD

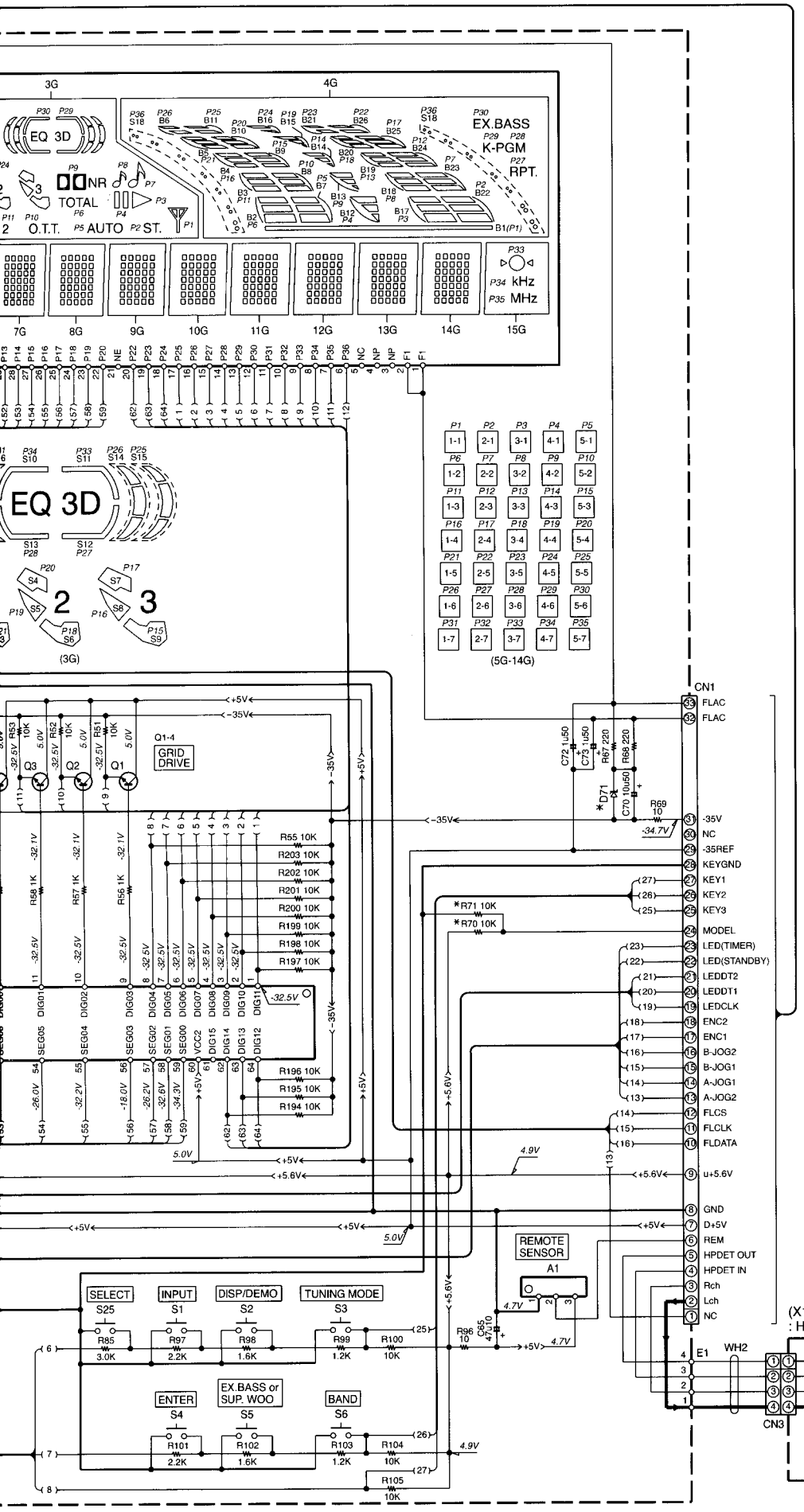

X13-CN5
2/5
G
DISPLAY UNIT : FL (X14-493X-XX) (A/6)
*ED1 BIG (SVA-15MM13)
1G 2G 3G 4G
5G 6G 7G 8G 9G 10G 11G 12G
REC
A B
NR
TOTAL
EQ
3D
PROG. 1 2 O.T.T. AUTO ST.
(X14-) (B/6) : VOL
C57 1000P
C58 1000P
R72 10K
R73 10K
S27
VOLUME COTROL
WH4
+5V
(X14-) (C/6) : JOG
WH5
C66 1000P
C67 1000P
R106 10K
R107 10K
S28
SOUND COTROL
D4
D3
C68 1000P
C69 1000P
R108 10K
R109 10K
S29
BACK (CANCEL)
S23
S26
MENU
MULTI COTROL
WH3
R110 330
* D70
(X14-) (D/6) : CD, DECK
WH1
DOLBY NR or TAPE EQ
S15
DISC1
S11
R115 15K
DISC3
S7
R111 47K
◀ (REV PLAY)
S16
R119 15K
▶/II (PLAY/ PAUSE)
S12
R116 7.5K
REC/ ARM
S8
R112 15K
▶ (FWD PLAY)
S17
R120 7.5K
▶▶ (FF)
S13
R117 4.7K
TAPE ■
S9
R113 7.5K
A/B
S18
R121 4.7K
◀◀ (REW)
S14
R118 3.0K
REV. MODE
S10
R114 4.7K
OPEN
S19
R122 3.0K
CD ■
S20
R123 2.2K
DISC2
S21
R124 1.6K
DISC SKIP
S22
R125 1.2K
D65 DISC1 R126 120
D66 DISC2 R127 120
D67 DISC3 R128 120
R84 47K
S24
I/⏻ ON/STANDBY
STANDBY
D51
R74 330
R75 330
D52
TIMER
Q8,9 LED ON/OFF
Q8
Q9
* R76 330
* D53
EX-BASS or SUPER WOOFER
R77 330
D54
CD PGM
R78 330
D55
IC52,53 LED CONTROLLER
R86 100
R87 100
C59 1000P
C60 1000P
IC52
SURR
EX-B
TIMER
SOUND
CLK
DATA
VSS
DISC3
DISC2
DISC1
MENU
CD-PGM
CD-T
T-T
VDD
RDS
R88 330
R89 330
D59
TP
D60
SURROUND
* D61
* R152 330
VIRTUAL
D64
R155 330
3 STEREO
D63
R154 330
4.9V
5.0V
3.5V
0V
0.4V
2.5V
5.0V

(X14-493X-XX) (A/6)



CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.



RXD-A601 (X14-4930-11)

DESTINATION		UNIT No.	©Ⓓ Ⓖ	Ⓔ Ⓕ	D53, 70	D71	D81	R70,76, 110	R71, 152	ED1
COUNTRY	ABB.									
U.S.A	K	0-11	NO	YES	NO	MTZJ5.6(B) or HZS5.6N(B2)	YES	NO	YES	SMALL
CANADA	P									

RXD-652 (X14-493X-XX)

DESTINATION		UNIT No.	©Ⓓ	Ⓔ Ⓕ	Ⓖ	D53, 70	D71	D81	R70,76, 110	R71, 152	ED1
COUNTRY	ABB.										
GENERAL MARKET	M	0-11	NO	YES	NO	NO	MTZJ5.6(B) or HZS5.6N(B2)	YES	NO	YES	SMALL
AUSTRALIA	X										
EUROPE	E	2-72	YES								

RXD-652E (X14-4932-72)

DESTINATION		UNIT No.	©Ⓓ Ⓔ Ⓕ	Ⓖ	D53, 70	D71	D81	R70,76, 110	R71, 152	ED1
COUNTRY	ABB.									
EUROPE	E1	2-72	YES	NO	NO	MTZJ5.6(B) or HZS5.6N(B2)	YES	NO	YES	SMALL

RXD-652W (X14-4932-72)

DESTINATION		UNIT No.	©Ⓓ Ⓔ Ⓕ	Ⓖ	D53, 70	D71	D81	R70,76, 110	R71, 152	ED1
COUNTRY	ABB.									
RUSSIA	Q	2-72	YES	NO	NO	MTZJ5.6(B) or HZS5.6N(B2)	YES	NO	YES	SMALL

RXD-A701 (X14-4930-10)

DESTINATION		UNIT No.	©Ⓓ	Ⓔ Ⓕ Ⓖ	D53, 70,81	D71	R70,71,76, 110,152	ED1
COUNTRY	ABB.							
U.S.A	K	0-10	NO	YES	YES	MTZJ6.2(B) or HZS6.2N(B2)	YES	BIG
CANADA	P							

RXD-852 (X14-493X-XX)

DESTINATION		UNIT No.	©Ⓓ	Ⓔ Ⓕ Ⓖ	D53, 70,81	D71	R70,71,76, 110,152	ED1
COUNTRY	ABB.							
PX	Y	0-10	NO	YES	YES	MTZJ6.2(B) or HZS6.2N(B2)	YES	BIG
GENERAL MARKET	M							
AUSTRALIA	X							
U.K	T	2-71	YES					
EUROPE	E							

RXD-852E (X14-4932-71)

DESTINATION		UNIT No.	©Ⓓ Ⓔ Ⓕ Ⓖ	D53, 70,81	D71	R70,71,76, 110,152	ED1
COUNTRY	ABB.						
EUROPE	E1	2-71	YES	YES	MTZJ6.2(B) or HZS6.2N(B2)	YES	BIG

RXD-852W (X14-4932-71)

DESTINATION		UNIT No.	©Ⓓ Ⓔ Ⓕ Ⓖ	D53, 70,81	D71	R70,71,76, 110,152	ED1
COUNTRY	ABB.						
RUSSIA	Q	2-71	YES	YES	MTZJ6.2(B) or HZS6.2N(B2)	YES	BIG

RXD-A81 (X14-4930-12)

DESTINATION		UNIT No.	©Ⓓ Ⓔ Ⓕ	Ⓖ	D53, 70	D71	D81	R70, 76,110	R71, 152	ED1
COUNTRY	ABB.									
U.S.A	K	0-12	NO	YES	YES	MTZJ6.2(B) or HZS6.2N(B2)	NO	YES	NO	BIG
CANADA	P									

RXD-752 (X14-493X-XX)

DESTINATION		UNIT No.	©Ⓓ Ⓕ	Ⓔ	Ⓖ	D53, 70	D71	D81	R70, 76,110	R71, 152	ED1
COUNTRY	ABB.										
PX	Y	0-12	NO	NO	YES	YES	MTZJ6.2(B) or HZS6.2N(B2)	NO	YES	NO	BIG
GENERAL MARKET	M										
AUSTRALIA	X										
U.K	T	2-73	YES								
EUROPE	E										

RXD-702 (X14-4932-73)

DESTINATION		UNIT No.	©Ⓓ Ⓕ Ⓖ	Ⓔ	D53, 70	D81	D71	R70, 76,110	R71, 152	ED1
COUNTRY	ABB.									
EUROPE	E	2-73	YES	NO	YES	NO	MTZJ6.2(B) or HZS6.2N(B2)	YES	NO	BIG

RXD-702E/752E (X14-4932-73)

DESTINATION		UNIT No.	©Ⓓ Ⓕ Ⓖ	Ⓔ	D53, 70	D81	D71	R70, 76,110	R71, 152	ED1
COUNTRY	ABB.									
EUROPE	E1	2-73	YES	NO	YES	NO	MTZJ6.2(B) or HZS6.2N(B2)	YES	NO	BIG

RXD-702W/752W (X14-4932-73)

DESTINATION		UNIT No.	©Ⓓ Ⓕ Ⓖ	Ⓔ	D53, 70	D81	D71	R70, 76,110	R71, 152	ED1
COUNTRY	ABB.									
RUSSIA	Q	2-73	YES	NO	YES	NO	MTZJ6.2(B) or HZS6.2N(B2)	YES	NO	BIG

RXD-772S (X14-4930-12)

DESTINATION		UNIT No.	©Ⓓ Ⓔ Ⓕ	Ⓖ	D53, 70	D71	D81	R70, 76,110	R71, 152	ED1
COUNTRY	ABB.									
GENERAL MARKET	M1	0-12	NO	YES	YES	MTZJ6.2(B) or HZS6.2N(B2)	NO	YES	NO	BIG

IC51	: M66004SP
IC52,53	: BU2090
Q1-4	: KTC3199(Y,GR) or 2SC2785(F,E)
Q8,9	: DTC124ESA or UN4212
D1	: MTZJ6.2(B) or HZS6.2N(B2)
D2-4	: HSS104A or 1SS133
D51,52,59-64,82-84	: B30-2546-05
D53,65-67,70	: B30-2548-05
D54-58,81	: B30-2547-05
D59-64	: B30-2546-05
D71	: ✱
ED1	: BIG (SVA-15MM13)
	: SMALL (BJ665GK)

SIGNAL LINE
GND LINE
+B LINE
−B LINE

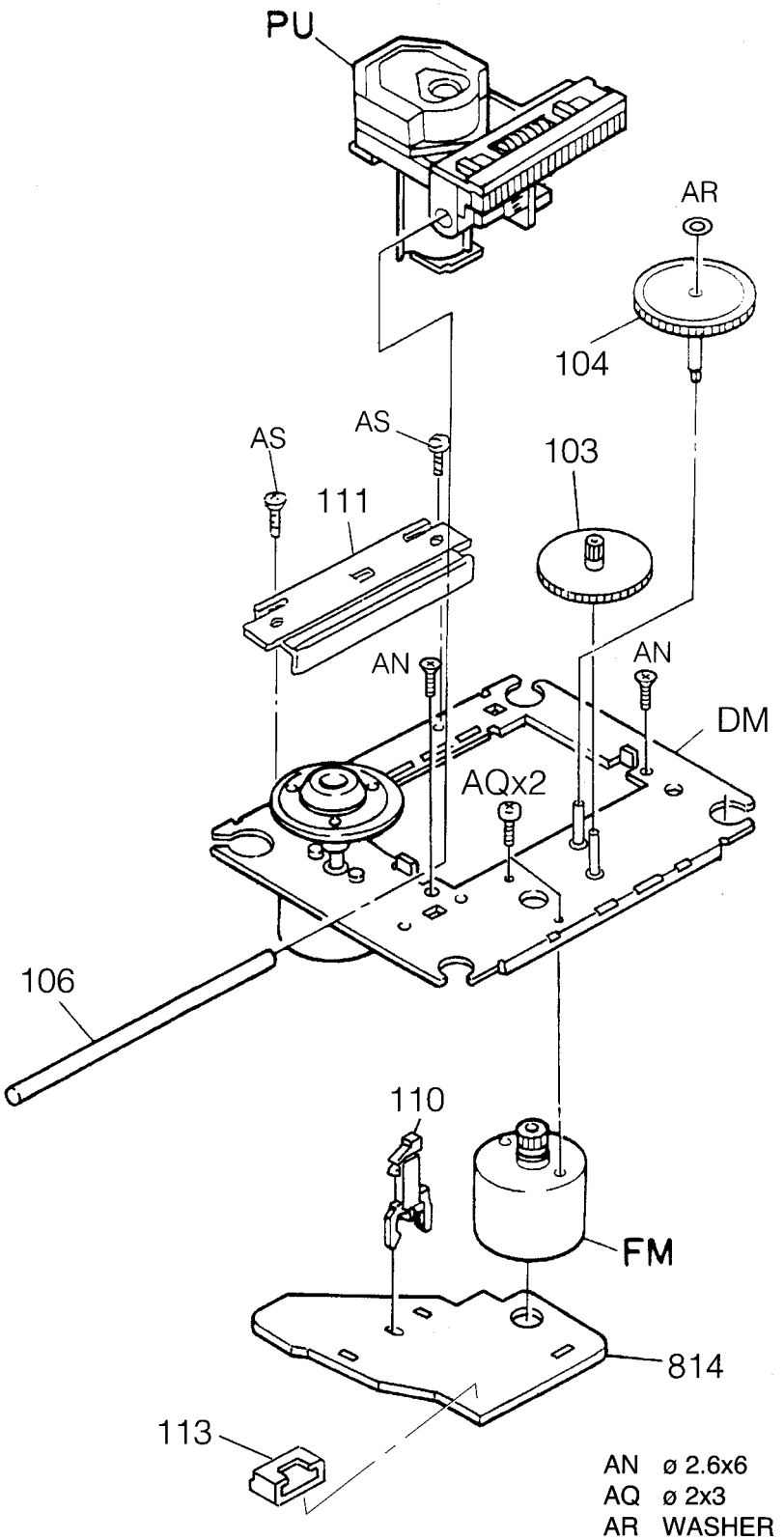
RXD-A601 (5/5)
RXD-652/E/W (5/5)
RXD-A81 (5/5)
RXD-752/E/W (5/5)
RXD-702/E/W (5/5)
RXD-772S (5/5)
RXD-A701 (5/5)
RXD-852/E/W (5/5)

RXD-652/702/752/772S/852/A81/A60

Y03-3110-10

KENWOOD

EXPLODED VIEW (CD MECHANISM)



AN	ø 2.6x6	: N32-2606-46
AQ	ø 2x3	: N30-2003-46
AR	WASHER	: N19-1435-05
AS	ø 2x5	: N86-2005-46

KCTB1H

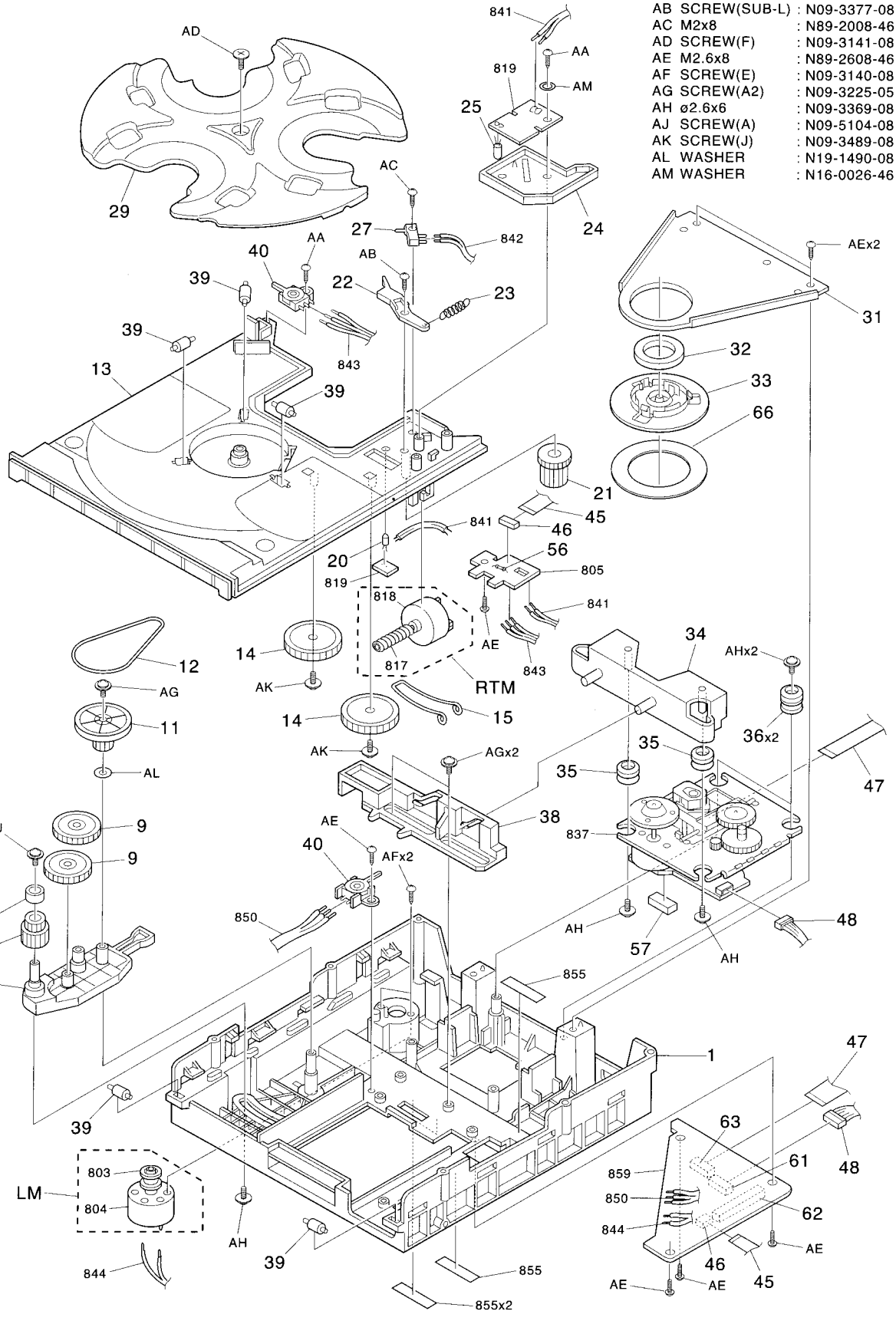
Parts with exploded numbers larger than 700 are not supplied.

EXPLODED VIEW (CD MECHANISM)

C D

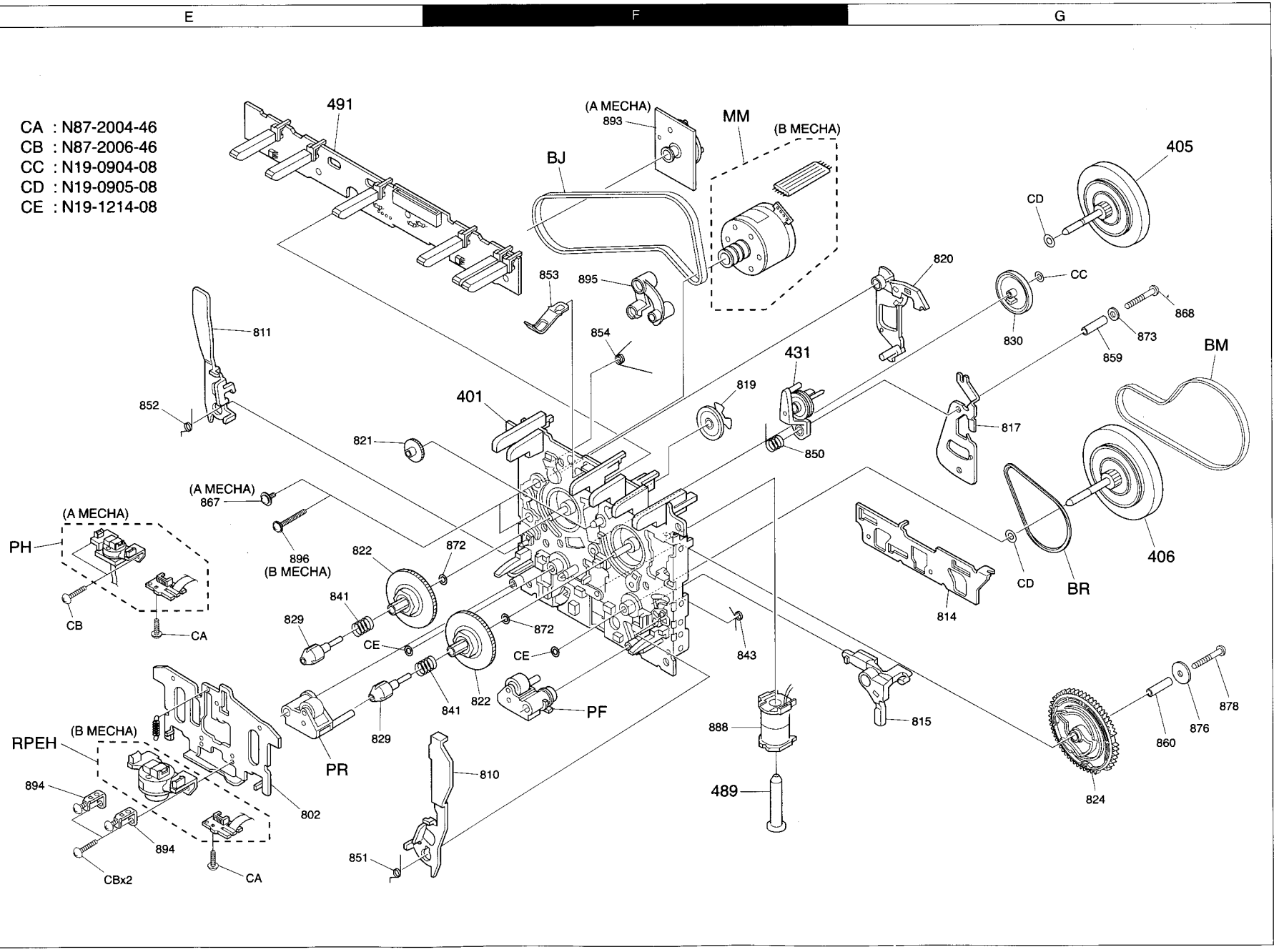
1 2 3

AA M2.6x14(BLK) : N89-2614-45
AB SCREW(SUB-L) : N09-3377-08
AC M2x8 : N89-2008-46
AD SCREW(F) : N09-3141-08
AE M2.6x8 : N89-2608-46
AF SCREW(E) : N09-3140-08
AG SCREW(A2) : N09-3225-05
AH ø2.6x6 : N09-3369-08
AJ SCREW(A) : N09-5104-08
AK SCREW(J) : N09-3489-08
AL WASHER : N19-1490-08
AM WASHER : N16-0026-46



Parts with exploded numbers larger than 700 are not supplied.

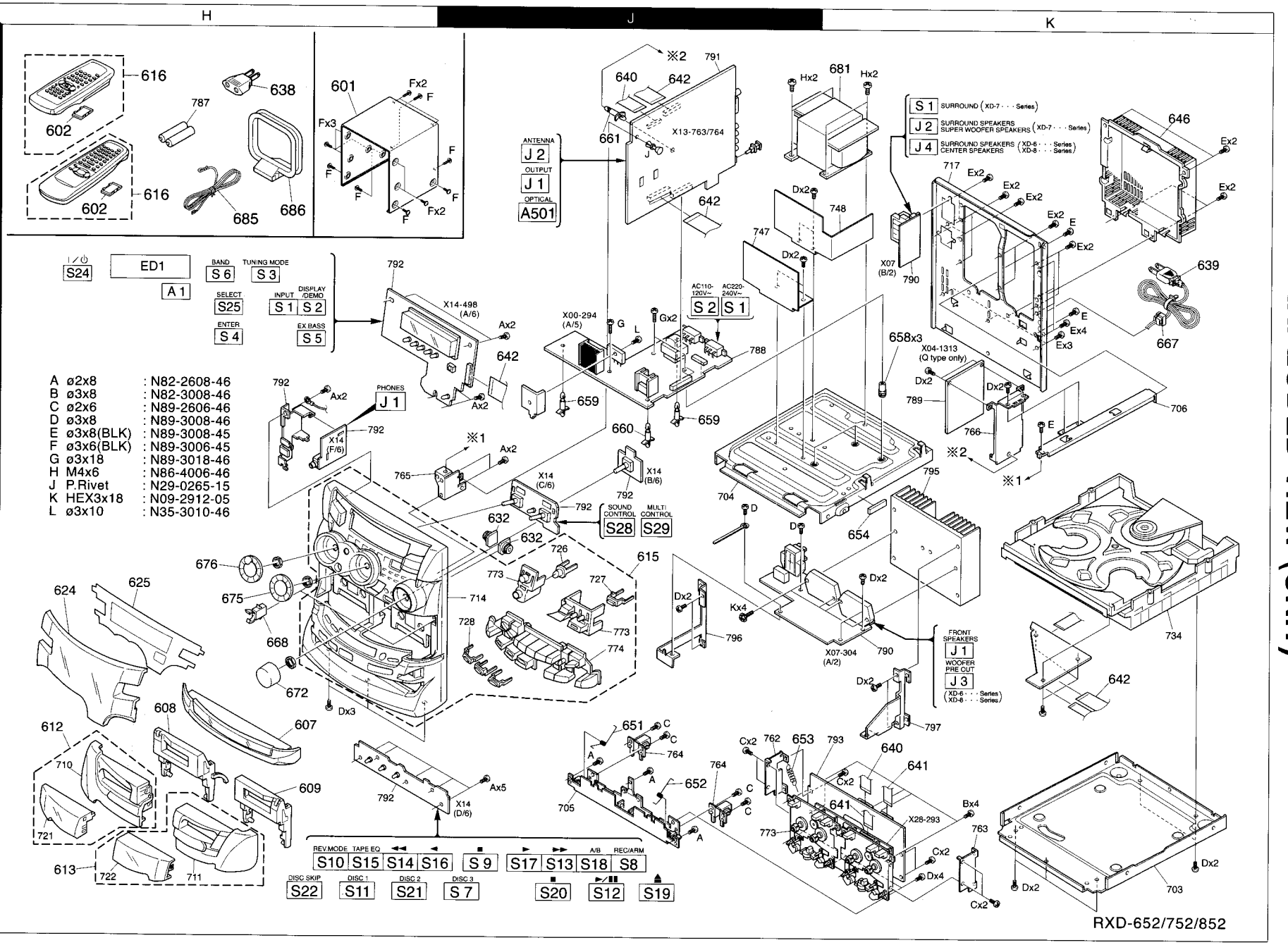
EXPLODED VIEW (CASSETTE MECHANISM)



Parts with exploded numbers larger than 700 are not supplied.

RXD-652/702/752/772S/852/A81/A601/A701

EXPLODED VIEW (UNIT)



✻ New Parts
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❶

Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
RXD-852/852E/852W/A701						
601	1H		A01-3656-01	METALLIC CABINET		
602	1H	✻	A09-1135-08	CABINET (REMOTE CONTROLLER)		
607	2H	✻	A29-1055-03	PANEL ASSY (CD)		
608	2H		A53-2084-02	CASSETTE HOLDER (L)		
609	2H		A53-2085-02	CASSETTE HOLDER (R)		
612	2H	✻	A53-2129-02	CASSETTE LID ASSY (L)		
613	2H	✻	A53-2130-02	CASSETTE LID ASSY (R)		
615	2J	✻	A60-1657-11	PANEL ASSY	TEE1Q	
615	2J	✻	A60-1657-11	PANEL ASSY	YMX	
615	2J	✻	A60-1658-11	PANEL ASSY	KP	
616	1H	✻	A70-1288-05	REMOTE CONTROLLE ASSY(RC-852)	KPYMX	
616	1H	✻	A70-1289-05	REMOTE CONTROLLE ASSY(RC-852E)	TEE1Q	
624	2H	✻	B10-3492-02	FRONT GLASS	KP	
624	2H	✻	B10-3493-02	FRONT GLASS	YMX	
624	2H	✻	B10-3494-02	FRONT GLASS	TEE1Q	
625	2H		B11-0388-13	COLOR FILTER		
-			B46-0096-53	WARRANTY CARD	X	
-			B46-0310-03	WARRANTY CARD	TEE1Q	
-			B46-0328-03	WARRANTY CARD	KY	
-		✻	B46-0346-00	QUESTIONAIRE CARD	K	
-		✻	B46-0347-03	WARRANTY CARD	P	
-			B58-0513-04	CAUTION CARD (PRESET220-240)	Y	
-		✻	B58-1643-04	CAUTION CARD		
-			B59-1104-00	SERVICE DIRECTORY	Y	
-		✻	B60-4235-00	INSTRUCTION MANUAL (EN1)	KP	
-		✻	B60-4236-00	INSTRUCTION MANUAL (FR)	PE	
-		✻	B60-4237-00	INSTRUCTION MANUAL (ES)	E	
-		✻	B60-4238-00	INSTRUCTION MANUAL (GE)	E	
-		✻	B60-4239-00	INSTRUCTION MANUAL (IT)	E	
-		✻	B60-4240-00	INSTRUCTION MANUAL (NE)	E	
-			B60-4241-00	INSTRUCTION MANUAL (TC)	M	
-			B60-4242-00	INSTRUCTION MANUAL (PL)	E1	
-			B60-4243-00	INSTRUCTION MANUAL (HU)	E1	
-			B60-4244-00	INSTRUCTION MANUAL (CZ)	E1	
-			B60-4245-00	INSTRUCTION MANUAL (RU)	Q	
-			B60-4246-00	INSTRUCTION MANUAL (EN2)	TE1Q	
-			B60-4246-00	INSTRUCTION MANUAL (EN2)	YMX	
632	2J		D39-0334-15	DAMPER		
⚠ 638	1H		E03-0115-05	AC PLUG ADAPTER	M	
⚠ 639	1K		E30-2592-15	AC POWER CORD	MEE1Q	
⚠ 639	1K		E30-2605-05	AC POWER CORD	Y	
⚠ 639	1K		E30-2717-05	AC POWER CORD	X	
⚠ 639	1K		E30-2829-05	AC POWER CORD	T	
⚠ 639	1K		E30-2884-05	AC POWER CORD	KP	
640	1J,2K		E35-2256-05	FLAT CABLE (21P)		
641	2K		E35-2294-05	FLAT CABLE (17P)		
642	1J,2K	✻	E35-2380-05	FLAT CABLE (33P)		
646	1K	✻	F07-1660-01	COVER		
651	2J		G01-4094-04	TORSION COIL SPRING (A)		
652	2J		G01-4095-04	TORSION COIL SPRING (B)		
653			G01-4141-04	EXTENSION SPRING		

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❷

Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
654	2K	✻	G11-2470-04	CUSHION		
-			G10-0452-04	NON-WOVEN FABRIC		
-			G10-0461-04	NON-WOVEN FABRIC		
-		✻	H10-7566-02	POLYSTYRENE FOAMED FIXTURE (L)		
-		✻	H10-7567-02	POLYSTYRENE FOAMED FIXTURE (R)		
-		✻	H21-0373-03	PROTECTION SHEET		
-			H25-1536-04	PROTECTION BAG	KPY	
-			H25-1536-04	PROTECTION BAG	XTEE1Q	
-			H25-1642-04	PROTECTION BAG		
-		✻	H25-1654-04	PROTECTION BAG	M	
-		✻	H50-3292-04	ITEM CARTON CASE	KP	
-		✻	H50-3293-04	ITEM CARTON CASE	YX	
-		✻	H50-3294-04	ITEM CARTON CASE	TE	
-		✻	H50-3295-04	ITEM CARTON CASE	M	
-		✻	H50-3296-04	ITEM CARTON CASE	Q	
-		✻	H50-3297-04	ITEM CARTON CASE	E1	
658	1K		J19-3751-04	UNIT HOLDER		
659	1J		J19-5911-05	UNIT HOLDER		
660	2J	✻	J19-5914-05	UNIT HOLDER		
661	1J	✻	J19-5917-05	UNIT HOLDER	Q	
⚠ 667	1K		J42-0083-05	POWER CORD BUSHING		
668	2H		J52-0039-05	PUSH LATCH		
-			J61-0307-05	WIRE BAND		
672	2H	✻	K29-7562-04	KNOB (MAIN VOLUME)		
675	2H		K29-7470-14	KNOB (MULTI)		
676	2H		K29-7471-14	KNOB (SOUND)		
⚠ 681	1K	✻	L07-2676-05	POWER TRANSFORMER	KP	
⚠ 681	1K	✻	L07-2677-05	POWER TRANSFORMER	TEE1	
⚠ 681	1K	✻	L07-2678-05	POWER TRANSFORMER	Q	
⚠ 681	1K	✻	L07-2679-05	POWER TRANSFORMER	YM	
⚠ 681	1K	✻	L07-2680-05	POWER TRANSFORMER	X	
685	1H		T90-0836-05	LEAD WIRE ANTENNA		
686	1H		T90-0837-05	LOOP ANTENNA		
RXD-702/702E/702W/752/752E/752W/772S/A81						
601	1H		A01-3656-01	METALLIC CABINET	EE1QM1	
601	1H		A01-3656-01	METALLIC CABINET	KPYMXT	
601	1H		A01-3681-01	METALLIC CABINET (RXD-702)	EE1Q	
602	1H		A09-0399-08	CABINET (REMOTE CONTROLLER)		
607	2H		A29-1049-03	PANEL ASSY (CD)	EE1QM1	
607	2H		A29-1049-03	PANEL ASSY (CD)	KPYMXT	
607	2H		A29-1050-03	PANEL ASSY (CD) (RXD-702)	EE1Q	
608	2H		A53-2084-02	CASSETTE HOLDER (L)		
609	2H		A53-2085-02	CASSETTE HOLDER (R)		
612	2H		A53-2111-02	CASSETTE LID ASSY(L)	EE1QM1	
612	2H		A53-2111-02	CASSETTE LID ASSY(L)	KPYMXT	
612	2H		A53-2115-02	CASSETTE LID ASSY(L)(RXD-702)	EE1Q	
613	2H		A53-2112-02	CASSETTE LID ASSY(R)	EE1QM1	
613	2H		A53-2112-02	CASSETTE LID ASSY(R)	KPYMXT	
613	2H		A53-2116-02	CASSETTE LID ASSY(R)(RXD-702)	EE1Q	
615	2J	✻	A60-1673-11	PANEL ASSY	KP	
615	2J	✻	A60-1674-11	PANEL ASSY	TEE1Q	
615	2J	✻	A60-1674-11	PANEL ASSY	YMXM1	
615	2J	✻	A60-1675-11	PANEL ASSY (RXD-702)	EE1Q	

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Screen shows model RXD-702/E/W

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❸

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616	1H	✻	A70-1297-05	REMOTE CONTROLLE ASSY(RC-752)	KPY	
616	1H	✻	A70-1297-05	REMOTE CONTROLLE ASSY(RC-752)	MXM1	
616	1H	✻	A70-1298-05	REMOTE CONTROLLE ASSY(RC-752E)	TEE1Q	
624	2H	✻	B10-3495-02	FRONT GLASS	KP	
624	2H	✻	B10-3496-02	FRONT GLASS	YMX	
624	2H	✻	B10-3497-02	FRONT GLASS	TEE1Q	
624	2H	✻	B10-3498-02	FRONT GLASS (RXD-702)	EE1Q	
624	2H	✻	B10-3499-02	FRONT GLASS	M1	
625	2H	✻	B11-0390-13	COLOR FILTER		
-			B46-0096-53	WARRANTY CARD	X	
-			B46-0310-03	WARRANTY CARD	TEE1Q	
-			B46-0328-03	WARRANTY CARD	KY	
-		✻	B46-0346-00	QUESTIONAIRE CARD	K	
-		✻	B46-0347-03	WARRANTY CARD	P	
-			B58-0513-04	CAUTION CARD (PRESET220-240)	Y	
-		✻	B58-1643-04	CAUTION CARD		
-			B59-1104-00	SERVICE DIRECTORY	Y	
-			B60-4235-00	INSTRUCTION MANUAL (EN1)	KP	
-			B60-4236-00	INSTRUCTION MANUAL (FR)	PE	
-			B60-4237-00	INSTRUCTION MANUAL (ES)	ME	
-			B60-4238-00	INSTRUCTION MANUAL (GE)	E	
-			B60-4239-00	INSTRUCTION MANUAL (IT)	E	
-			B60-4240-00	INSTRUCTION MANUAL (NE)	E	
-		✻	B60-4241-00	INSTRUCTION MANUAL (TC)	M	
-			B60-4242-00	INSTRUCTION MANUAL (PL)	E1	
-			B60-4243-00	INSTRUCTION MANUAL (HU)	E1	
-			B60-4244-00	INSTRUCTION MANUAL (CZ)	E1	
-			B60-4245-00	INSTRUCTION MANUAL (RU)	Q	
-		✻	B60-4246-00	INSTRUCTION MANUAL (EN2)	TE1Q	
-		✻	B60-4246-00	INSTRUCTION MANUAL (EN2)	YMXM1	
632	2J		D39-0334-15	DAMPER		
⚠ 638	1H		E03-0115-05	AC PLUG ADAPTER	MM1	
⚠ 639	1K		E30-2592-15	AC POWER CORD	EE1Q	
⚠ 639	1K		E30-2592-15	AC POWER CORD	MM1	
⚠ 639	1K		E30-2605-05	AC POWER CORD	Y	
⚠ 639	1K		E30-2717-05	AC POWER CORD	X	
⚠ 639	1K		E30-2829-05	AC POWER CORD	T	
⚠ 639	1K		E30-2884-05	AC POWER CORD	KP	
640	1J,2K		E35-2256-05	FLAT CABLE (21P)		
641	2K		E35-2294-05	FLAT CABLE (17P)		
642	1J,2K	✻	E35-2380-05	FLAT CABLE (33P)		
646	1K		F07-1660-01	COVER		
651	2J		G01-4094-04	TORSION COIL SPRING (A)		
652	2J		G01-4095-04	TORSION COIL SPRING (B)		
653			G01-4141-04	EXTENSION SPRING		
654	2K		G11-2470-04	CUSHION		
-			G10-0452-04	NON-WOVEN FABRIC		
-			G10-0461-04	NON-WOVEN FABRIC		
-			H10-7566-02	POLYSTYRENE FOAMED FIXTURE (L)		
-			H10-7567-02	POLYSTYRENE FOAMED FIXTURE (R)		
-		✻	H21-0373-03	PROTECTION SHEET		
-			H25-1536-04	PROTECTION BAG	KPYX	

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❹

Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
-			H25-1536-04	PROTECTION BAG	TEE1Q	
-			H25-1642-04	PROTECTION BAG		
-		✻	H25-1654-04	PROTECTION BAG	MM1	
-		✻	H50-3304-04	ITEM CARTON CASE	KP	
-		✻	H50-3305-04	ITEM CARTON CASE	YX	
-		✻	H50-3306-04	ITEM CARTON CASE	TE	
-		✻	H50-3307-04	ITEM CARTON CASE	M	
-		✻	H50-3308-04	ITEM CARTON CASE	Q	
-		✻	H50-3309-04	ITEM CARTON CASE	E1	
-		✻	H50-3310-04	ITEM CARTON CASE	M1	
-		✻	H50-3311-04	ITEM CARTON CASE (RXD-702)	E	
-		✻	H50-3318-04	ITEM CARTON CASE (RXD-702)	Q	
-		✻	H50-3319-04	ITEM CARTON CASE (RXD-702)	E1	
658	1K		J19-3751-04	UNIT HOLDER		
659	1J		J19-5911-05	UNIT HOLDER		
660	2J		J19-5914-05	UNIT HOLDER		
661	1J	✻	J19-5917-05	UNIT HOLDER	Q	
⚠ 667	1K		J42-0083-05	POWER CORD BUSHING		
668	2H		J52-0039-05	PUSH LATCH		
-			J61-0307-05	WIRE BAND		
672	2H		K29-7466-04	KNOB (MAIN VOLUME)	EE1QM1	
672	2H		K29-7466-04	KNOB (MAIN VOLUME)	KPYMXT	
672	2H		K29-7543-04	KNOB (MAIN VOL)(RXD-702)	EE1Q	
675	2H		K29-7470-14	KNOB (MULTI)	EE1QM1	
675	2H		K29-7470-14	KNOB (MULTI)	KPYMXT	
675	2H	✻	K29-7544-14	KNOB (MULTI) (RXD-702)	EE1Q	
676	2H		K29-7471-14	KNOB (SOUND)	EE1QM1	
676	2H		K29-7471-14	KNOB (SOUND)	KPYMXT	
676	2H	✻	K29-7545-14	KNOB (SOUND) (RXD-702)	EE1Q	
⚠ 681	1K	✻	L07-2681-05	POWER TRANSFORMER	KP	
⚠ 681	1K	✻	L07-2682-05	POWER TRANSFORMER	TEE1	
⚠ 681	1K	✻	L07-2683-05	POWER TRANSFORMER	Q	
⚠ 681	1K	✻	L07-2684-05	POWER TRANSFORMER	YMM1	
⚠ 681	1K	✻	L07-2685-05	POWER TRANSFORMER	X	
685	1H		T90-0836-05	LEAD WIRE ANTENNA		
686	1H		T90-0837-05	LOOP ANTENNA		

RXD-652/652E/652W/A601

601	1H		A01-3656-01	METALLIC CABINET		
602	1H		A09-1135-08	CABINET (REMOTE CONTROLLER)		
607	2H		A29-1055-03	PANEL ASSY (CD)		
608	2H		A53-2084-02	CASSETTE HOLDER (L)		
609	2H		A53-2085-02	CASSETTE HOLDER (R)		
612	2H	✻	A53-2135-02	CASSETTE LID ASSY (L)		
613	2H	✻	A53-2136-02	CASSETTE LID ASSY (R)		
615	2J	✻	A60-1660-11	PANEL ASSY	MXEE1Q	
615	2J	✻	A60-1661-11	PANEL ASSY	KP	
616	1H		A70-1288-05	REMOTE CONTROLLE ASSY(RC-852)	KPMX	
616	1H		A70-1289-05	REMOTE CONTROLLE ASSY(RC-852E)	EE1Q	
624	2H	✻	B10-3500-02	FRONT GLASS	KP	
624	2H	✻	B10-3501-02	FRONT GLASS	MX	
624	2H	✻	B10-3502-02	FRONT GLASS	EE1Q	
625	2H	✻	B11-0389-13	COLOR FILTER		
-			B46-0096-53	WARRANTY CARD	X	

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	Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
	-			B46-0310-03	WARRANTY CARD	EE1Q	
	-			B46-0328-03	WARRANTY CARD	K	
	-		✻	B46-0346-00	QUESTIONAIRE CARD	K	
	-		✻	B46-0347-03	WARRANTY CARD	P	
	-		✻	B58-1643-04	CAUTION CARD		
	-			B60-4235-00	INSTRUCTION MANUAL (EN1)	KP	
	-			B60-4236-00	INSTRUCTION MANUAL (FR)	PE	
	-			B60-4237-00	INSTRUCTION MANUAL (ES)	E	
	-			B60-4238-00	INSTRUCTION MANUAL (GE)	E	
	-			B60-4239-00	INSTRUCTION MANUAL (IT)	E	
	-			B60-4240-00	INSTRUCTION MANUAL (NE)	E	
	-			B60-4241-00	INSTRUCTION MANUAL (TC)	M	
	-		✻	B60-4242-00	INSTRUCTION MANUAL (PL)	E1	
	-		✻	B60-4243-00	INSTRUCTION MANUAL (HU)	E1	
	-		✻	B60-4244-00	INSTRUCTION MANUAL (CZ)	E1	
	-		✻	B60-4245-00	INSTRUCTION MANUAL (RU)	Q	
	-			B60-4246-00	INSTRUCTION MANUAL (EN2)	MXE1Q	
	632	2J		D39-0334-15	DAMPER		
⚠	638	1H		E03-0115-05	AC PLUG ADAPTER	M	
⚠	639	1K		E30-2592-15	AC POWER CORD	MEE1Q	
⚠	639	1K		E30-2717-05	AC POWER CORD	X	
⚠	639	1K		E30-2884-05	AC POWER CORD	KP	
	640	1J,2K		E35-2256-05	FLAT CABLE (21P)		
	641	2K		E35-2294-05	FLAT CABLE (17P)		
	642	1J,2K	✻	E35-2380-05	FLAT CABLE (33P)		
	646	1K		F07-1660-01	COVER		
	651	2J		G01-4094-04	TORSION COIL SPRING (A)		
	652	2J		G01-4095-04	TORSION COIL SPRING (B)		
	653			G01-4141-04	EXTENSION SPRING		
	654	2K		G11-2470-04	CUSHION		
	-			G10-0452-04	NON-WOVEN FABRIC		
	-			G10-0461-04	NON-WOVEN FABRIC		
	-			H10-7566-02	POLYSTYRENE FOAMED FIXTURE(L)		
	-			H10-7567-02	POLYSTYRENE FOAMED FIXTURE(R)		
	-		✻	H21-0373-03	PROTECTION SHEET		
	-			H25-1536-04	PROTECTION BAG	EE1Q	
	-			H25-1536-04	PROTECTION BAG	KPX	
	-			H25-1642-04	PROTECTION BAG		
	-		✻	H25-1654-04	PROTECTION BAG	M	
	-		✻	H50-3298-04	ITEM CARTON CASE	KP	
	-		✻	H50-3299-04	ITEM CARTON CASE	X	
	-		✻	H50-3300-04	ITEM CARTON CASE	E	
	-		✻	H50-3301-04	ITEM CARTON CASE	M	
	-		✻	H50-3302-04	ITEM CARTON CASE	Q	
	-		✻	H50-3303-04	ITEM CARTON CASE	E1	
	658	1K		J19-3751-04	UNIT HOLDER		
	659	1J		J19-5911-05	UNIT HOLDER		
	660	2J		J19-5914-05	UNIT HOLDER		
	661	1J	✻	J19-5917-05	UNIT HOLDER	Q	
⚠	667	1K		J42-0083-05	POWER CORD BUSHING		
	668	2H		J52-0039-05	PUSH LATCH		

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	Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
	-			J61-0307-05	WIRE BAND		
	672	2H		K29-7562-04	KNOB (MAIN VOLUME)		
	675	2H		K29-7470-14	KNOB (MULTI)		
	676	2H		K29-7471-14	KNOB (SOUND)		
⚠	681	1K		L07-2686-05	POWER TRANSFORMER	KP	
⚠	681	1K		L07-2687-05	POWER TRANSFORMER	EE1	
⚠	681	1K		L07-2688-05	POWER TRANSFORMER	Q	
⚠	681	1K		L07-2689-05	POWER TRANSFORMER	M	
⚠	681	1K		L07-2690-05	POWER TRANSFORMER	X	
	685	1H		T90-0836-05	LEAD WIRE ANTENNA		
	686	1H		T90-0837-05	LOOP ANTENNA		

POWER SUPPLY UNIT (X00-294X-XX)

	C1			CE04LW1E332M	ELECTRO	3300UF	25WV	KP	
	C1			CE04LW1V332M	ELECTRO	3300UF	35WV	TEE1Q	
	C1			CE04LW1V332M	ELECTRO	3300UF	35WV	YMM1X	
	C2			CE04LW1E102M	ELECTRO	1000UF	25WV	KP	
	C2			CE04LW1V102M	ELECTRO	1000UF	35WV	TEE1Q	
	C2			CE04LW1V102M	ELECTRO	1000UF	35WV	YMM1X	
	C3 ,4		✻	C90-3825-05	ELECTRO	4700UF	56WV	KP	6
	C3 ,4		✻	C90-3826-05	ELECTRO	4700UF	63WV	KP	8
	C3 ,4		✻	C90-3826-05	ELECTRO	4700UF	63WV	TEE1Q	7
	C3 ,4		✻	C90-3826-05	ELECTRO	4700UF	63WV	YMM1X	7
	C3 ,4		✻	C90-3827-05	ELECTRO	4700UF	75WV	KP	7
	C3 ,4		✻	C90-3828-05	ELECTRO	3900UF	63WV	TEE1Q	8
	C3 ,4		✻	C90-3828-05	ELECTRO	3900UF	63WV	YMX	8
	C3 ,4		✻	C90-3837-05	ELECTRO	3900UF	56WV	MXEE1Q	6
	C5		✻	C90-3664-05	ELECTRO	330UF	25WU		
	C6			C90-3681-05	ELECTRO	2.2UF	50WV		
	C7 ,8			C90-3671-05	ELECTRO	47UF	35WV		
	C10			C90-3671-05	ELECTRO	47UF	35WV		
	C11 ,12		✻	C90-3686-05	ELECTRO	33UF	50WV		
	C13 ,14			C90-3658-05	ELECTRO	10UF	16WV		
	C15			C90-3671-05	ELECTRO	47UF	35WV		
	C16			CE04LW1J221M	ELECTRO	220UF	63WV		
	C19			C90-3671-05	ELECTRO	47UF	35WV		
	C20			CK45FF1H103Z	CERAMIC	0.010UF	Z	XTEE1Q	
	C21			CK45FF1H103Z	CERAMIC	0.010UF	Z		
	C22			C90-3644-05	ELECTRO	220UF	10WV	YMM1	
	C23			CQ93FMG1H104J	MYLAR	0.10UF	J		
	C25 ,26			CQ93FMG1H104J	MYLAR	0.10UF	J		
	C28			C90-3671-05	ELECTRO	47UF	35WV		
	C33			CK45FF1H103Z	CERAMIC	0.010UF	Z	KP	
	C34 ,35			CE04LW1V222M	ELECTRO	2200UF	35WV		68
	C34 ,35		✻	C90-3831-05	ELECTRO	3300UF	35WV	TEE1Q	7
	C34 ,35		✻	C90-3831-05	ELECTRO	3300UF	35WV	YMM1X	7
	C34 ,35		✻	C90-3852-05	ELECTRO	3300UF	42WV	KP	7
	C36			C90-3681-05	ELECTRO	2.2UF	50WV		
	CN1			E40-4245-05	PIN ASSY				
	CN1			E40-8126-05	PIN ASSY				
	CN2			E40-8321-05	SOCKET FOR PIN ASSY				
⚠	F1			F05-3121-05	FUSE (SEMKO)	(250V T3.15AL)		MXEE1Q	8
⚠	F1			F05-4025-05	FUSE (SEMKO)	(250V T4A L)		TEE1Q	7
⚠	F1			F05-4025-05	FUSE (SEMKO)	(250V T4A L)		YMM1X	7

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⚠	F1		*	F06-2021-05	FUSE (SEMKO)	(250V T2AL)			XEE1Q	6
⚠	F1			F50-0076-05	FUSE(5X20)				KP	8
⚠	F1			F50-0077-05	FUSE(5X20)				KP	7
⚠	F2			F05-3121-05	FUSE (SEMKO)	(250V T3.15AL)			YM	8
⚠	F2			F05-4025-05	FUSE (SEMKO)	(250V T4A L)			YMM1	7
⚠	F2		*	F06-2021-05	FUSE (SEMKO)	(250V T2AL)			M	6
⚠	F3			F50-0073-05	FUSE(5X20)				KP	6
⚠	F4			F50-0072-05	FUSE(5X20)				KP	6
⚠	F4 ,5			F05-3121-05	FUSE (SEMKO)	(250V T3.15AL)			MXEE1Q	6
⚠	F4 ,5			F05-4025-05	FUSE (SEMKO)	(250V T4A L)			TEE1Q	78
⚠	F4 ,5			F05-4025-05	FUSE (SEMKO)	(250V T4A L)			YMM1X	78
⚠	F4 ,5			F50-0073-05	FUSE(5X20)				KP	8
⚠	F6			F50-0072-05	FUSE(5X20)				KP	6
	CN3 ,4			J13-0075-05	FUSE CLIP				KP	78
	CN3 ,4			J13-0075-05	FUSE CLIP				TEE1Q	
	CN3 ,4			J13-0075-05	FUSE CLIP				YMM1X	
	CN5 ,6			J13-0075-05	FUSE CLIP				MM1	
	CN7 ,8			J13-0075-05	FUSE CLIP				KP	6
	CN9 ,10			J13-0075-05	FUSE CLIP				KP	6
	CN9 ,10			J13-0075-05	FUSE CLIP				KP	8
	CN9 ,10			J13-0075-05	FUSE CLIP				TEE1Q	
	CN9 ,10			J13-0075-05	FUSE CLIP				YMM1X	
	CN11,12			J13-0075-05	FUSE CLIP				KP	8
	CN11,12			J13-0075-05	FUSE CLIP				TEE1Q	
	CN11,12			J13-0075-05	FUSE CLIP				YMM1X	
	CN13,14			J13-0075-05	FUSE CLIP				KP	6
	E2			J19-3225-05	LEAD HOLDER					78
⚠	T1			L07-2654-05	POWER TRANSFORMER				KP	
⚠	T1			L07-2657-05	POWER TRANSFORMER				YMM1X	
⚠	T1			L07-2661-05	POWER TRANSFORMER				TEE1Q	
	R1			RD14NB2E1R0J	RD	1	J	1/4W	KP	
	R1			RD14NB2E1R5J	RD	1.5	J	1/4W	TEE1Q	
	R1			RD14NB2E1R5J	RD	1.5	J	1/4W	YMM1X	
	R3			RD14NB2E222J	RD	2.2K	J	1/4W		
	R12			RD14NB2E332J	RD	3.3K	J	1/4W		
⚠	R13			RD14NB2E470J	RD	47	J	1/4W		
⚠	R16			RD14NB2E4R7J	RD	4.7	J	1/4W		
	R17			RD14NB2E272J	RD	2.7K	J	1/4W		
⚠	R21			RS14KB3A150J	FL-PROOF RS	15	J	1W		68
	R25			RS14KB3D331J	FL-PROOF RS	330	J	2W	KP	8
	R25			RS14KB3D331J	FL-PROOF RS	330	J	2W	TEE1Q	
	R25			RS14KB3D331J	FL-PROOF RS	330	J	2W	YMM1X	
⚠	R26			R92-1844-05	CARBON	3.3M	J	1/2W	KP	
	R28			RS14KB3D331J	FL-PROOF RS	330	J	2W		
⚠	R29			RD14NB2E1R0J	RD	1	J	1/4W		
⚠	R30			RD14NB2E4R7J	RD	4.7	J	1/4W		
	R31 ,32			RS14KB3D331J	FL-PROOF RS	330	J	2W		
	R38			RS14KB3A150J	FL-PROOF RS	15	J	1W		68
⚠	K1		*	S76-0090-05	MAGNETIC RELAY					
⚠	S1 ,2			S62-0001-05	SLIDE SWITCH				YMM1	
⚠	D1			D4SBL20UF03	DIODE					
⚠	D1		*	TS4B03G	DIODE					68
⚠	D2			D2SBA20F03	DIODE					

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⚠	D3			D4SBL20UF03	DIODE				
⚠	D3		*	TS4B03G	DIODE				68
⚠	D4 -6			HSS104A	DIODE				
⚠	D4 -6			1SS133	DIODE				
	D7			HZS6C2L	ZENER DIODE				
	D8			HZS16N(B2)	ZENER DIODE			YMM1	
	D8			MTZJ16(B)	ZENER DIODE			YMM1	
	D9			HZS6.2N(B2)	ZENER DIODE				
	D9			MTZJ6.2(B)	ZENER DIODE				
	D10			HSS104A	DIODE				
	D10			1SS133	DIODE				
	D11			HZS6.8N(B2)	ZENER DIODE				
	D11			MTZJ6.8(B)	ZENER DIODE				
	D12 ,13			HZS20N(B2)	ZENER DIODE				
	D12 ,13			MTZJ20(B)	ZENER DIODE				
⚠	D14			1T2	DIODE				
⚠	D15 -19			HSS104A	DIODE				
⚠	D15 -19			1SS133	DIODE				
⚠	IC1			TA7809SB	ANALOGUE IC				
⚠	IC2			TA7805SB	ANALOGUE IC				
⚠	Q1			DTC143TSA	DIGITAL TRANSISTOR				
⚠	Q1			UN4216	DIGITAL TRANSISTOR				
⚠	Q2			2SC2003(L,K)	TRANSISTOR				
⚠	Q3			KTA1273	TRANSISTOR			KPX	
⚠	Q3			KTA1273	TRANSISTOR			TEE1Q	
⚠	Q3			2SA1534A(R,S)	TRANSISTOR			KPX	
⚠	Q3			2SA1534A(R,S)	TRANSISTOR			TEE1Q	
⚠	Q3			2SB1370(E,F)	TRANSISTOR			YMM1	
⚠	Q3			2SB1375	TRANSISTOR			YMM1	
⚠	Q4			2SB1624*2	TRANSISTOR				
	Q5			KTC3199(Y,GR)	TRANSISTOR				
	Q5			2SC2785(F,E)	TRANSISTOR				
	Q5			2SC3311A(Q,R)	TRANSISTOR				
	Q6		*	KTA1268	TRANSISTOR				
	Q6			2SA992(F,E)	TRANSISTOR				
	Q7			KTC3199(Y,GR)	TRANSISTOR			YMM1	
	Q7			2SC2785(F,E)	TRANSISTOR			YMM1	
	Q7			2SC3311A(Q,R)	TRANSISTOR			YMM1	
⚠	Q8			KTC3205	TRANSISTOR				
⚠	Q8			2SC3940A(R,S)	TRANSISTOR				
	C1			CE04HW1H010M	NP-ELEC	1.0UF	50WV		
	C2 ,3		*	C91-1566-05	FILM	0.01UF	G		
	C4			CE04LW1A470M	ELECTRO	47UF	10WV		
	C5 ,6			CQ93FMG1H102J	MYLAR	1000PF	J		
	C7			CC45FSL1H331J	CERAMIC	330PF	J		
	C8			CK45FB1H102K	CERAMIC	1000PF	K		
	C9			CC93FCH1H471J	CERAMIC	470PF	J		
	C10 ,11			CE04LW1HR47M	ELECTRO	0.47UF	50WV		
	C12			CK45FF1H473Z	CERAMIC	0.047UF	Z		
	C13 -15			CE04LW1H010M	ELECTRO	1.0UF	50WV		
	C16			CK45FF1H103Z	CERAMIC	0.010UF	Z		
	C17 ,18			CE04LW1H2R2M	ELECTRO	2.2UF	50WV		
	C19 ,20			CQ93FMG1H682J	MYLAR	6800PF	J		
	C21			CK45FF1H103Z	CERAMIC	0.010UF	Z		

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C22			CE04LW1A470M	ELECTRO 47UF 10WV		
C23 ,24			CQ93FMG1H472J	MYLAR 4700PF J		
C26			CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
TC1		✻	C05-0463-05	CERAMIC TRIMMER CAPACITOR(120P		
CN1		✻	E40-8288-05	FLAT CABLE CONNECTOR		
CN2 ,3			E40-4871-05	PIN ASSY		
CN6		✻	E40-4872-05	PIN ASSY		
L1		✻	L39-1350-05	PEAKING COIL		
L2 ,3			L79-1236-05	LC FILTER		
⚠ R9			RS14KB3A221J	FL-PROOF RS 220 J 1W		
VR1			R32-0037-05	SEMI FIXED VARIABLE RESISTOR		
VR2			R32-0036-05	SEMI FIXED VARIABLE RESISTOR		
D1			HZS5.1N(B2)	ZENER DIODE		
D1			MTZJ5.1(B)	ZENER DIODE		
D2			RB721Q	DIODE		
D3			HSS104	DIODE		
D3			1SS133	DIODE		
D4			HZS5.1N(B2)	ZENER DIODE		
D4			MTZJ5.1(B)	ZENER DIODE		
D6 ,7			HSS104	DIODE		
D6 ,7			1SS133	DIODE		
IC1		✻	IR3R42	ANALOGUE IC		
IC2			NJM4565D	ANALOGUE IC		
IC3			TC4052BP	MOS-IC		
Q1			2SA1175(F,E)	TRANSISTOR		
Q1			2SA933AS(Q,R)	TRANSISTOR		
Q5		✻	DTC144ESA	DIGITAL TRANSISTOR		
Q5		✻	KRC104M	TRANSISTOR		
Q5		✻	UN4213	DIGITAL TRANSISTOR		
POWER AMPLIFIER UNIT (X07-304X-XX)						
C1 ,2			CE04LW1H4R7M	ELECTRO 4.7UF 50WV		
C3 ,4			CC45FSL1H100D	CERAMIC 10PF D	TEE1Q	
C3 ,4			CC45FSL1H100D	CERAMIC 10PF D	YMM1X	
C3 ,4			CC45FSL1H470J	CERAMIC 47PF J	KP	
C5 ,6			CE04LW1H100M	ELECTRO 10UF 50WV		7
C5 ,6			CE04LW1H4R7M	ELECTRO 4.7UF 50WV		68
C7 ,8			CC45FSL1H470J	CERAMIC 47PF J		
C9			CK45FF1H103Z	CERAMIC 0.010UF Z	TEE1Q	68
C9			CK45FF1H103Z	CERAMIC 0.010UF Z	YMX	68
C10			CK45FB1H471K	CERAMIC 470PF K		68
C11			CK45FF1H103Z	CERAMIC 0.010UF Z	TEE1Q	68
C11			CK45FF1H103Z	CERAMIC 0.010UF Z	YMX	68
C12			CK45FF1H103Z	CERAMIC 0.010UF Z		
C15 ,16			CE04LW1C100M	ELECTRO 10UF 16WV		7
C15 ,16			CE04LW1V4R7M	ELECTRO 4.7UF 35WV		68
C17 ,18			CC45FSL1H100D	CERAMIC 10PF D		
C19 ,20			CK45FB1H222K	CERAMIC 2200PF K		
C21 ,22			CQ93FMG1H104J	MYLAR 0.10UF J	KP	
C21 ,22			CQ93FMG1H224J	MYLAR 0.22UF J	TEE1Q	
C21 ,22			CQ93FMG1H224J	MYLAR 0.22UF J	YMM1X	
C23 ,24			CQ93FMG1H224J	MYLAR 0.22UF J	TEE1Q	
C23 ,24			CQ93FMG1H224J	MYLAR 0.22UF J	YMM1X	
C25 ,26			CE04LW1A101M	ELECTRO 100UF 10WV		

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C27 ,28			CC45FSL1H100D	CERAMIC 10PF D		78
C27 ,28			CC45FSL1H150J	CERAMIC 15PF J		6
C29 ,30			CK45FB1H222K	CERAMIC 2200PF K		68
C29 ,30			CK45FF1H103Z	CERAMIC 0.010UF Z		7
C31 ,32			CQ93FMG1H224J	MYLAR 0.22UF J	TEE1Q	
C31 ,32			CQ93FMG1H224J	MYLAR 0.22UF J	YMM1X	
C33 ,34			CQ93FMG1H104J	MYLAR 0.10UF J	KP	
C33 ,34			CQ93FMG1H224J	MYLAR 0.22UF J	TEE1Q	
C33 ,34			CQ93FMG1H224J	MYLAR 0.22UF J	YMM1X	
C35 ,36			CK45FB1H332K	CERAMIC 3300PF K		
C37 -39			CK45FF1H472Z	CERAMIC 4700PF Z		
C55			C90-3707-05	ELECTRO 10UF 100WV		
C56			C90-3440-05	ELECTRO 10UF 100WV		
C57 ,58			CK45FE2H472P	CERAMIC 4700PF P		
C59		✻	C90-3415-05	ELECTRO 47UF 50WV		7
C60			C90-3687-05	ELECTRO 47UF 50WV		7
C61 ,62			C90-3440-05	ELECTRO 10UF 100WV		7
C63 ,64			CK45FE2H472P	CERAMIC 4700PF P		7
C63 ,64			C90-3688-05	ELECTRO 100UF 50WV		68
C65 ,66			C90-3687-05	ELECTRO 47UF 50WV		
C67 ,68			CC45FSL1H221J	CERAMIC 220PF J		
C69 ,70			CC45FSL1H221J	CERAMIC 220PF J		7
C69 ,70			CC45FSL1H331J	CERAMIC 330PF J		68
C77			C90-3707-05	ELECTRO 10UF 100WV		
C78			C90-3707-05	ELECTRO 10UF 100WV		6
C78			C90-3707-05	ELECTRO 10UF 100WV	KP	7
C78		✻	C90-3708-05	ELECTRO 22UF 100WV		8
C78		✻	C90-3708-05	ELECTRO 22UF 100WV	TEE1Q	7
C78		✻	C90-3708-05	ELECTRO 22UF 100WV	YMM1X	7
C81			CQ93FMG1H103J	MYLAR 0.010UF J		
C82			CQ93FMG1H102J	MYLAR 1000PF J		
C84			CE04LW1A470M	ELECTRO 47UF 10WV		
C85			CE04LW1V4R7M	ELECTRO 4.7UF 35WV		
C87			CK45FB1H332K	CERAMIC 3300PF K		7
C97 ,98			CE04LW1H4R7M	ELECTRO 4.7UF 50WV		7
C99			C90-3658-05	ELECTRO 10UF 16WV		7
C100			C90-3684-05	ELECTRO 10UF 50WV		7
C103,104			CF92FV1H154J	MF-C 0.15UF J		7
C105,106			CQ93FMG1H823J	MYLAR 0.082UF J		7
C109,110			CE04LW1H100M	ELECTRO 10UF 50WV		7
CN1			E40-3259-05	PIN ASSY		
CN2			E40-3912-05	PIN ASSY		
J1			E70-0045-05	LOCK TERMINAL BOARD		
J2		✻	E70-0110-05	LOCK TERMINAL BOARD		7
J3			E63-0116-05	PHONO JACK		68
J4		✻	E70-0046-05	LOCK TERMINAL BOARD		68
E6 ,7			J19-3216-05	LEAD HOLDER		68
L1 -4			L39-0085-05	PHASE COMPENSATION COIL		68
L1 -4			L39-1373-05	PHASE COMPENSATION COIL		7
K		✻	N09-5116-05	SEMS (TAPTITE SCREW)(3X12 B-TI	KP1	78
R7 ,8			RS14KB3D331J	FL-PROOF RS 330 J 2W		
R49 ,50			R92-1866-05	METAL FILM 0.1 2W		

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Ref. No	Address	New Parts	Parts No.	Description				Destination	Remarks
R51 ,52			RD14BB2C302J	RD	3.0K	J	1/6W		78
R59 ,60			RS14KB3D4R7J	FL-PROOF RS	4.7	J	2W		
R67 ,68			R92-1866-05	METAL FILM	0.1		2W		
R77 ,78			RS14KB3D4R7J	FL-PROOF RS	4.7	J	2W		
R81 -84			RD14NB2E4R7J	RD	4.7	J	1/4W		
R92			RS14KB3A392J	FL-PROOF RS	3.9K	J	1W		7
R94			RS14KB3A392J	FL-PROOF RS	3.9K	J	1W		7
R100			RS14KB3D181J	FL-PROOF RS	180	J	2W	KP	8
R100			RS14KB3D221J	FL-PROOF RS	220	J	2W	TEE1Q	8
R100			RS14KB3D221J	FL-PROOF RS	220	J	2W	YMX	8
R100			RS14KB3D330J	FL-PROOF RS	33	J	2W	KP	6
R100			RS14KB3D331J	FL-PROOF RS	330	J	2W	MXEE1Q	6
R100			RS14KB3D470J	FL-PROOF RS	47	J	2W	TEE1Q	7
R100			RS14KB3D470J	FL-PROOF RS	47	J	2W	YMM1X	7
R100			RS14KB3D561J	FL-PROOF RS	560	J	2W	KP	7
R107,108			RD14NB2E2R2J	RD	2.2	J	1/4W		
R115			RD14NB2E103J	RD	10K	J	1/4W		
R116			RD14NB2E103J	RD	10K	J	1/4W		6
R116			RD14NB2E103J	RD	10K	J	1/4W	KP	7
R116			RD14NB2E472J	RD	4.7K	J	1/4W		8
R116			RD14NB2E472J	RD	4.7K	J	1/4W	TEE1Q	7
R116			RD14NB2E472J	RD	4.7K	J	1/4W	YMM1X	7
R121			RD14BB2C203J	RD	20K	J	1/6W		68
R124,125			RS14KB3A392J	FL-PROOF RS	3.9K	J	1W		
R126			RD14BB2C103J	RD	10K	J	1/6W		68
R127			RD14BB2C104J	RD	100K	J	1/6W		68
R128			RD14BB2C203J	RD	20K	J	1/6W		68
R139			RD14BB2C621J	RD	620	J	1/6W		68
R140-142			RD14BB2C123J	RD	12K	J	1/6W		68
⚠ R143,144			RS14KB3A101J	FL-PROOF RS	100	J	1W		68
R177			RD14BB2C621J	RD	620	J	1/6W		68
R178			RS14KB3D181J	FL-PROOF RS	180	J	2W	KP	8
R178			RS14KB3D221J	FL-PROOF RS	220	J	2W	TEE1Q	8
R178			RS14KB3D221J	FL-PROOF RS	220	J	2W	YMX	8
R178			RS14KB3D330J	FL-PROOF RS	33	J	2W	KP	6
R178			RS14KB3D331J	FL-PROOF RS	330	J	2W	MXEE1Q	6
R178			RS14KB3D470J	FL-PROOF RS	47	J	2W	TEE1Q	7
R178			RS14KB3D470J	FL-PROOF RS	47	J	2W	YMM1X	7
R178			RS14KB3D561J	FL-PROOF RS	560	J	2W	KP	7
K1 ,2			S76-0045-15	MAGNETIC RELAY					
S1			S62-0077-05	SLIDE SWITCH					7
D1			HZS13N(B2)	ZENER DIODE					8
D1			HZS18N(B2)	ZENER DIODE				KP	7
D1			MTZJ13(B)	ZENER DIODE					8
D1			MTZJ18(B)	ZENER DIODE				KP	7
D2			HZS16N(B2)	ZENER DIODE					8
D2			HZS16N(B2)	ZENER DIODE				KP	7
D2			MTZJ16(B)	ZENER DIODE					8
D2			MTZJ16(B)	ZENER DIODE				KP	7
D3			HZS5.1N(B2)	ZENER DIODE					
D3			MTZJ5.1(B)	ZENER DIODE					
D4 ,5			HZS6.8N(B2)	ZENER DIODE				TEE1Q	7
D4 ,5			HZS6.8N(B2)	ZENER DIODE				YMM1X	7
D4 ,5			HZS8.2N(B2)	ZENER DIODE				KP	7

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Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
D4 ,5			MTZJ6.8(B)	ZENER DIODE	TEE1Q	7
D4 ,5			MTZJ6.8(B)	ZENER DIODE	YMM1X	7
D4 ,5			MTZJ8.2(B)	ZENER DIODE	KP	7
D6 -8			HSS104A	DIODE		
D6 -8			1SS133	DIODE		
D9			HZS18N(B2)	ZENER DIODE		8
D9			HZS18N(B2)	ZENER DIODE	TEE1Q	7
D9			HZS18N(B2)	ZENER DIODE	YMM1X	7
D9			HZS30N(B2)	ZENER DIODE	KP	7
D9			MTZJ18(B)	ZENER DIODE		8
D9			MTZJ18(B)	ZENER DIODE	TEE1Q	7
D9			MTZJ18(B)	ZENER DIODE	YMM1X	7
D9			MTZJ30(B)	ZENER DIODE	KP	7
D10			HZS11N(B2)	ZENER DIODE	KP	7
D10			HZS16N(B2)	ZENER DIODE	KP	8
D10			HZS18N(B2)	ZENER DIODE	TEE1Q	78
D10			HZS18N(B2)	ZENER DIODE	YMM1X	78
D10			MTZJ11(B)	ZENER DIODE	KP	7
D10			MTZJ16(B)	ZENER DIODE	KP	8
D10			MTZJ18(B)	ZENER DIODE	TEE1Q	78
D10			MTZJ18(B)	ZENER DIODE	YMM1X	78
⚠ D19 ,20			HSS104A	DIODE		
⚠ D19 ,20			1SS133	DIODE		
D21			HSS104A	DIODE		7
D21			1SS133	DIODE		7
D22 ,23			HZS6.8N(B2)	ZENER DIODE	TEE1Q	7
D22 ,23			HZS6.8N(B2)	ZENER DIODE	YMM1X	7
D22 ,23			HZS8.2N(B2)	ZENER DIODE	KP	7
D22 ,23			MTZJ6.8(B)	ZENER DIODE	TEE1Q	7
D22 ,23			MTZJ6.8(B)	ZENER DIODE	YMM1X	7
D22 ,23			MTZJ8.2(B)	ZENER DIODE	KP	7
D25			HSS104A	DIODE		
D25			1SS133	DIODE		
D28 ,29			HSS104A	DIODE		68
D28 ,29			1SS133	DIODE		68
⚠ IC1		*	STK407-090E	HYBRID IC		6
⚠ IC1		*	STK407-120E	HYBRID IC		8
⚠ IC1			STK411-220D	HYBRID IC	TEE1Q	7
⚠ IC1			STK411-220D	HYBRID IC	YMM1X	7
⚠ IC1			STK411-230D	HYBRID IC	KP	7
⚠ IC2			STK411-220D	HYBRID IC	TEE1Q	7
⚠ IC2			STK411-220D	HYBRID IC	YMM1X	7
⚠ IC2			STK411-230D	HYBRID IC	KP	7
⚠ IC2			STK499-120	HYBRID IC		68
IC3			NJM4565D-D	IC(OP AMP X2)		7
Q1 ,2			2SC2878(B)	TRANSISTOR		
Q3 ,4		*	KTD1303	TRANSISTOR		
Q3 ,4		*	2SD2144S(U,V)	TRANSISTOR		
Q5 ,6			2SC2878(B)	TRANSISTOR		
Q7 ,8		*	KTD1303	TRANSISTOR		
Q7 ,8			2SD2144S(U,V)	TRANSISTOR		
Q9 -12			2SC1845(F,E)	TRANSISTOR		
Q13			DTC113ZSA	DIGITAL TRANSISTOR		
Q14			2SC2003(L,K)	TRANSISTOR		68
Q14			2SC2003(L,K)	TRANSISTOR	KP	7

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Ref. No	Address	New Parts	Parts No.	Description			Destination	Remarks
Q17			DTC113ZSA	DIGITAL TRANSISTOR				
⚠ Q18			2SC2525	TRANSISTOR				68
⚠ Q18			2SC3245A(F)	TRANSISTOR			TEE1Q	7
⚠ Q18			2SC3245A(F)	TRANSISTOR			YMM1X	7
⚠ Q18			2SD2012	TRANSISTOR			KP	7
⚠ Q19			2SA1285A(F)	TRANSISTOR				6
⚠ Q19			2SB1370	TRANSISTOR				7
⚠ Q19			2SB1640	TRANSISTOR				8
⚠ Q25		✻	KTA1268	TRANSISTOR				
⚠ Q25			2SA992(F,E)	TRANSISTOR				
Q26 ,27		✻	KTC3200	TRANSISTOR				
Q26 ,27			2SC1845(F,E)	TRANSISTOR				
Q28			DTC113ZSA	DIGITAL TRANSISTOR				7
SUB-CIRCUIT UNIT (X13-763/764X-XX)								
C1 ,2			CC73FCH1H221J	CHIP C	220PF	J		
C3 ,4			CC73FCH1H220J	CHIP C	22PF	J		
C5 ,6			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C9 ,10			CE04LW1H010M	ELECTRO	1.0UF	50WV	TEE1Q	
C11 ,12			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C13 ,14			CE04LW1H3R3M	ELECTRO	3.3UF	50WV		7
C15 ,16			CK73FB1C104K	CHIP C	0.10UF	K		
C17 ,18			CE04LW1HR33M	ELECTRO	0.33UF	50WV		
C19 ,20			CK73FB1E273KTA	CHIP C	0.027UF	K		
C21 ,22			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C23 ,24			CK73FB1H103K	CHIP C	0.010UF	K		
C25 ,26			CK73FF1C224Z	CHIP C	0.22UF	Z		
C27 ,28			CK73FB1H472K	CHIP C	4700PF	K		
C29 -36			CE04LW1H3R3M	ELECTRO	3.3UF	50WV		
C37			CK73FF1C224Z	CHIP C	0.22UF	Z		
C41 ,42		✻	C90-3645-05	ELECTRO	330UF	10WV		
C43			C90-3684-05	ELECTRO	10UF	50WV		
C44			CC73FCH1H221J	CHIP C	220PF	J		
C45 ,46			CC73FCH1H101J	CHIP C	100PF	J		
C47 ,48			CK73FB1H122K	CHIP C	1200PF	K		
C49			CK73FB1C104K	CHIP C	0.10UF	K		
C50			CC73FCH1H101J	CHIP C	100PF	J		
C51			CK73FB1C104K	CHIP C	0.10UF	K		
C52			CK73FB1H103K	CHIP C	0.010UF	K		
C53			CK73FB1H102K	CHIP C	1000PF	K		
C54			CK73FB1C104K	CHIP C	0.10UF	K		
C55			CK73FF1C105Z	CHIP C	1.0UF	Z		
C56			CC73FCH1H180J	CHIP C	18PF	J		
C57			CC73FCH1H220J	CHIP C	22PF	J		
C58			CC73FCH1H471J	CHIP C	470PF	J		
C59			CK45FB1H471K	CERAMIC	470PF	K		
C60			CK45FF1H472Z	CERAMIC	4700PF	Z		
C61 ,62			C90-3680-05	ELECTRO	1UF	50WV		
C63		✻	C90-3639-05	ELECTRO	330UF	6.3WV		
C64			CK73FB1H103K	CHIP C	0.010UF	K		
C65			C90-3643-05	ELECTRO	100UF	10WV		
C71			C90-3659-05	ELECTRO	22UF	16WV		
C72			C90-3680-05	ELECTRO	1UF	50WV		
C73			C90-3715-05	ELECTRO	4.7UF	35WV	TEE1Q	
C76			C90-3643-05	ELECTRO	100UF	10WV		

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C81			C90-3681-05	ELECTRO	2.2UF	50WV	TEE1Q	
C82			CC73FCH1H331J	CHIP C	330PF	J	TEE1Q	
C83			CK73FB1H103K	CHIP C	0.010UF	K	TEE1Q	
C84			CC73FCH1H561J	CHIP C	560PF	J	TEE1Q	
C85			C90-3714-05	ELECTRO	47UF	10WV	TEE1Q	
C86			CK73FB1H103K	CHIP C	0.010UF	K	TEE1Q	
C87			CC73FCH1H220J	CHIP C	22PF	J	TEE1Q	
C88			CC73FCH1H470J	CHIP C	47PF	J	TEE1Q	
C89			CK73FB1H223K	CHIP C	0.022UF	K		
C301-310			CK73FB1C104K	CHIP C	0.10UF	K		68
C312			CK73FB1C104K	CHIP C	0.10UF	K		68
C313			CC73FCH1H050C	CHIP C	5.0PF	C		68
C315,316			CC73FCH1H101J	CHIP C	100PF	J		68
C317,318			CC73FCH1H331J	CHIP C	330PF	J		68
C319,320			CK73FB1H102K	CHIP C	1000PF	K		68
C321-324			CK73FB1H331K	CHIP C	330PF	K		68
C325,326			CE04LW1H010M	ELECTRO	1.0UF	50WV		68
C327,328			CE04LW1C100M	ELECTRO	10UF	16WV		68
C329			CK73FB1H102K	CHIP C	1000PF	K		68
C330			CK73FB1H222J	CHIP C	2200PF	J		68
C331			CK73FB1H102K	CHIP C	1000PF	K		68
C332			CK73FB1H222K	CHIP C	2200PF	K		68
C333			CC73FCH1H470J	CHIP C	47PF	J		68
C334			CC73FCH1H101J	CHIP C	100PF	J		68
C335,336			CE04LW1H3R3M	ELECTRO	3.3UF	50WV		68
C337			CC73FCH1H050C	CHIP C	5.0PF	C		68
C338			C90-3646-05	ELECTRO	470UF	10WV		68
C339,340			CE04LW1C100M	ELECTRO	10UF	16WV		
C341,342			CE04LW1H3R3M	ELECTRO	3.3UF	50WV		
C343,344			CK73FB1H102K	CHIP C	1000PF	K		
C345			CC73FCH1H101J	CHIP C	100PF	J		68
C346			C90-3659-05	ELECTRO	22UF	16WV		68
C347			C90-3643-05	ELECTRO	100UF	10WV		68
C348			C90-3646-05	ELECTRO	470UF	10WV		68
C349			CK73FB1H103K	CHIP C	0.010UF	K		68
C350,351			C90-3717-05	ELECTRO	0.1UF	50WV		68
C352			CK73FB1H103K	CHIP C	0.010UF	K		68
C353,354			CE04LW1H3R3M	ELECTRO	3.3UF	50WV		68
C355,356			CK73FB1C104K	CHIP C	0.10UF	K		
C357			CK73FB1H103K	CHIP C	0.010UF	K		
C358			C90-3659-05	ELECTRO	22UF	16WV		
C360,361			CC73FCH1H101J	CHIP C	100PF	J		
C362			CK73FB1H103K	CHIP C	0.010UF	K		
C363			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C365,366			CC73FCH1H221J	CHIP C	220PF	J		
C367			CK73EB1H103K	CHIP C	0.010UF	K		
C368,369			CK73FB1H103K	CHIP C	0.010UF	K		
C370			CK73FB1H102K	CHIP C	1000PF	K		
C371			CK73FF1C105Z	CHIP C	1.0UF	Z	Q	68
C372			CK73FB1H103K	CHIP C	0.010UF	K		68
C373			CC73FCH1H101J	CHIP C	100PF	J		68
C374,375			CC73ECH1H470J	CHIP C	47PF	J		68
C376			CK73FB1H102K	CHIP C	1000PF	K		68
C377			CC73FCH1H101J	CHIP C	100PF	J		68
C378			CK73FF1C105Z	CHIP C	1.0UF	Z		68

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C379			CC73FCH1H101J	CHIP C	100PF	J		68
C380			CC73FCH1H470J	CHIP C	47PF	J		
C381			CC73FCH1H101J	CHIP C	100PF	J	TEE1	
C381			CK73FB1H102K	CHIP C	1000PF	K	Q	
C382			CC73FCH1H101J	CHIP C	100PF	J		
C383,384			CK73FB1H103K	CHIP C	0.010UF	K		
C385,386			C91-0757-05	CERAMIC	1000PF	K	Q	
C390			C90-3659-05	ELECTRO	22UF	16WV		68
C391			CK73FB1H103K	CHIP C	0.010UF	K	TEE1Q	
C392,393			CC73FCH1H101J	CHIP C	100PF	J	TEE1Q	
C394			C91-0757-05	CERAMIC	1000PF	K	TEE1Q	
C395			CK73EB1H103K	CHIP C	0.010UF	K	TEE1Q	
C396			CK73FB1C104K	CHIP C	0.10UF	K	TEE1Q	
C501			C90-3643-05	ELECTRO	100UF	10WV		
C502			CC73FCH1H680J	CHIP C	68PF	J		
C503			CK73FB1H103K	CHIP C	0.010UF	K		
C504			C90-3643-05	ELECTRO	100UF	10WV		
C505			CK73FB1E333KTA	CHIP C	0.033UF	K		
C506			C90-3640-05	ELECTRO	470UF	6.3WV		
C507			CC73FCH1H471J	CHIP C	470PF	J		
C508			CK73FB1C104K	CHIP C	0.10UF	K		
C509			CE04EW1C471M	ELECTRO	470UF	16WV		
C510			CC73FCH1H101J	CHIP C	100PF	J		
C511			CK73FB1C104K	CHIP C	0.10UF	K		
C512			CK73FB1H102K	CHIP C	1000PF	K		
C513			CK73FB1C104K	CHIP C	0.10UF	K		
C514			C90-3643-05	ELECTRO	100UF	10WV		
C515,516			CC73FCH1H470J	CHIP C	47PF	J	TEE1Q	
C515,516			CC73FCH1H470J	CHIP C	47PF	J	YMM1X	
C517			C90-3643-05	ELECTRO	100UF	10WV	KPYX	
C517			C90-3643-05	ELECTRO	100UF	10WV	MM1	
C518			C90-3643-05	ELECTRO	100UF	10WV		
C519			CK73FB1E473KTA	CHIP C	0.047UF	K		
C520			CK73FB1H152K	CHIP C	1500PF	K		
C521			CK73FB1H103K	CHIP C	0.010UF	K		
C522			CK73FB1H332K	CHIP C	3300PF	K		
C523			CE04HW1HR47M	NP-ELEC	0.47UF	50WV		
C524			CC73FCH1H221J	CHIP C	220PF	J		
C525			CK73FB1H223K	CHIP C	0.022UF	K		
C526			CC73FCH1H221J	CHIP C	220PF	J		
C527			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C528			CK73FB1C104K	CHIP C	0.10UF	K		
C530			CK73FB1C104K	CHIP C	0.10UF	K	TEE1Q	
C530			CK73FB1C104K	CHIP C	0.10UF	K	YMM1X	
C531,532			CQ93FMG1H821J	MYLAR	820PF	J		
C533,534			CQ92FM1H151K	MYLAR	150PF	K		
C535,536			CQ93FMG1H821J	MYLAR	820PF	J		
C537			CK73FB1H103K	CHIP C	0.010UF	K		
C538			CE04LW1C101M	ELECTRO	100UF	16WV		
C541,542			CK73FF1C105Z	CHIP C	1.0UF	Z		
C543-546			CK73FB1C104K	CHIP C	0.10UF	K		
C547			CK73EB1H103K	CHIP C	0.010UF	K		
C548			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C549			CQ93FMG1H473J	MYLAR	0.047UF	J		

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CN2			E40-8122-05	FLAT CABLE CONNECTOR					
CN3			E40-8320-05	PIN ASSY					
CN4			E40-4908-05	FLAT CABLE CONNECTOR					
CN5			E40-4920-05	FLAT CABLE CONNECTOR					
CN5			E40-8332-05	FLAT CABLE CONNECTOR					
J1			E63-1037-05	PHONO JACK					
J2			E20-0321-05	LOCK TERMINAL BOARD(2P,F)					
E6			J11-0809-05	WIRE CLAMPER					
L201			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)				TEE1Q	
L302			L92-0017-05	FERRITE CORE				KP	68
L501-503			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)					
X1			L78-0294-05	RESONATOR (10.000M)					
X2			L77-2173-05	CRYSTAL RESONATOR(32.768KHZ)					
X3			L77-2002-05	CRYSTAL RESONATOR(4.332MHZ)				TEE1Q	
X301		*	L77-2250-05	CRYSTAL RESONATOR(33.8688MHZ)					68
X501			L77-2190-05	CRYSTAL RESONATOR(16.9344MHZ)				TEE1Q	
X501			L77-2190-05	CRYSTAL RESONATOR(16.9344MHZ)				YMM1X	
X501			L78-0299-05	RESONATOR (16.93M)				KP	
R1 ,2			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R3 ,4			RK73FB2A104J	CHIP R	100K	J	1/10W		
R5 ,6			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R7 ,8			RK73FB2A104J	CHIP R	100K	J	1/10W		
R14			RK73FB2A821J	CHIP R	820	J	1/10W		
R21			RK73FB2A393J	CHIP R	39K	J	1/10W		7
R22			RK73FB2A183J	CHIP R	18K	J	1/10W		7
R23			RK73FB2A102J	CHIP R	1.0K	J	1/10W		7
⚠ R27 ,28			RD14NB2E151J	RD	150	J	1/4W		
⚠ R29			RD14NB2E221J	RD	220	J	1/4W		
R35 ,36			RK73FB2A473J	CHIP R	47K	J	1/10W		
R37			RK73FB2A223J	CHIP R	22K	J	1/10W		
R38			RK73FB2A472J	CHIP R	4.7K	J	1/10W		
R43 -45			RK73FB2A472J	CHIP R	4.7K	J	1/10W		
R46 ,47			RK73FB2A473J	CHIP R	47K	J	1/10W		
R52			RK73FB2A472J	CHIP R	4.7K	J	1/10W		
R61 -64			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R80			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R114			RK73FB2A471J	CHIP R	470	J	1/10W		
R115			RK73FB2A221J	CHIP R	220	J	1/10W		
R119			RK73FB2A221J	CHIP R	220	J	1/10W		
R122-127			RK73FB2A221J	CHIP R	220	J	1/10W		
R129			RK73FB2A221J	CHIP R	220	J	1/10W		
R131			RK73FB2A475J	CHIP R	4.7M	J	1/10W		
R132			RK73FB2A104J	CHIP R	100K	J	1/10W		
R139			RK73FB2A103J	CHIP R	10K	J	1/10W		
R159			RK73FB2A562J	CHIP R	5.6K	J	1/10W	TEE1Q	
⚠ R165			RD14NB2E681J	RD	680	J	1/4W		
R195,196			RK73FB2A104J	CHIP R	100K	J	1/10W	TEE1Q	
R207-209			RK73FB2A101J	CHIP R	100	J	1/10W		
R213			RK73FB2A222J	CHIP R	2.2K	J	1/10W	TEE1Q	
⚠ R216			RD14NB2E2R2J	RD	2.2	J	1/4W	TEE1Q	
R221,222			RK73FB2A472J	CHIP R	4.7K	J	1/10W	KPY	
R221,222			RK73FB2A472J	CHIP R	4.7K	J	1/10W	MM1X	
R301,302			RK73FB2A223J	CHIP R	22K	J	1/10W		68

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R303,304			RK73FB2A153J	CHIP R	15K	J	1/10W		68
R305			RK73FB2A333J	CHIP R	33K	J	1/10W		68
R306			RD14BB2C333J	RD	33K	J	1/6W		68
R307			RK73FB2A105J	CHIP R	1.0M	J	1/10W		68
R308			RD14BB2C105J	RD	1.0M	J	1/6W		68
R309,310			RD14BB2C332J	RD	3.3K	J	1/6W		68
R311-314			RK73FB2A103J	CHIP R	10K	J	1/10W		68
R315,316			RK73FB2A123J	CHIP R	12K	J	1/10W		68
R317,318			RK73FB2A103J	CHIP R	10K	J	1/10W		68
R321,322			RK73FB2A104J	CHIP R	100K	J	1/10W		68
R323,324			RK73FB2A122J	CHIP R	1.2K	J	1/10W		68
R325			RD14BB2C562J	RD	5.6K	J	1/6W		68
R326			RK73FB2A562J	CHIP R	5.6K	J	1/10W		68
R327,328			RK73FB2A822J	CHIP R	8.2K	J	1/10W		68
R329,330			RK73FB2A473J	CHIP R	47K	J	1/10W		68
R331,332			RK73FB2A104J	CHIP R	100K	J	1/10W		68
R333-336			RD14BB2C101J	RD	100	J	1/6W		68
R337			RK73FB2A104J	CHIP R	100K	J	1/10W		
R339,340			RK73FB2A333J	CHIP R	33K	J	1/10W		
R341,342			RK73FB2A132J	CHIP R	1.3K	J	1/10W		78
R341,342			RK73FB2A153J	CHIP R	15K	J	1/10W		6
R343,344			RK73FB2A104J	CHIP R	100K	J	1/10W		
R345,346			RK73FB2A512J	CHIP R	5.1K	J	1/10W		6
R347,348			RD14BB2C102J	RD	1.0K	J	1/6W		68
R349			RD14BB2C472J	RD	4.7K	J	1/6W		68
R352			RK73FB2A101J	CHIP R	100	J	1/10W		7
R352			RK73FB2A102J	CHIP R	1.0K	J	1/10W		68
R355			RK73FB2A222J	CHIP R	2.2K	J	1/10W		6
R358			RK73FB2A224J	CHIP R	220K	J	1/10W		6
R359			RK73FB2A751J	CHIP R	750	J	1/10W		68
R360			RK73FB2A101J	CHIP R	100	J	1/10W		68
R361			RK73FB2A153J	CHIP R	15K	J	1/10W		
R362			RK73FB2A473J	CHIP R	47K	J	1/10W		
R363			RK73FB2A473J	CHIP R	47K	J	1/10W		78
R364			RK73FB2A472J	CHIP R	4.7K	J	1/10W		78
R365			RK73FB2A473J	CHIP R	47K	J	1/10W		
R366			RK73FB2A473J	CHIP R	47K	J	1/10W	Q	
R367			RK73FB2A473J	CHIP R	47K	J	1/10W		6
R368			RK73FB2A473J	CHIP R	47K	J	1/10W		
R369			RK73FB2A103J	CHIP R	10K	J	1/10W		68
R370			RD14NB2E1R0J	RD	1	J	1/4W		68
R371,372			RK73FB2A681J	CHIP R	680	J	1/10W		6
R373,374			RK73FB2A681J	CHIP R	680	J	1/10W		78
R377			RK73FB2A472J	CHIP R	4.7K	J	1/10W		
R378			RK73FB2A224J	CHIP R	220K	J	1/10W		
R379			RK73FB2A222J	CHIP R	2.2K	J	1/10W		68
R380			RD14BB2C222J	RD	2.2K	J	1/6W		68
R381,382			RK73FB2A153J	CHIP R	15K	J	1/10W		68
R384			RK73FB2A561J	CHIP R	560	J	1/10W		68
R385			RD14BB2C1R0J	RD	1	J	1/6W	Q	68
R388			RD14BB2C100J	RD	10	J	1/6W	Q	68
R501			RK73FB2A224J	CHIP R	220K	J	1/10W		
R502-505			RK73FB2A683J	CHIP R	68K	J	1/10W		
R508			RK73FB2A100J	CHIP R	10	J	1/10W		
R509			RK73FB2A473J	CHIP R	47K	J	1/10W		

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Ref. No	Address	New Parts	Parts No.	Description				Destination	Remarks
R510			RK73FB2A103J	CHIP R	10K	J	1/10W		
R511			RK73FB2A152J	CHIP R	1.5K	J	1/10W		
R513,514			RK73FB2A103J	CHIP R	10K	J	1/10W		
R515,516			RK73FB2A101J	CHIP R	100	J	1/10W		
R518			RK73FB2A153J	CHIP R	15K	J	1/10W		
R522			RK73FB2A103J	CHIP R	10K	J	1/10W		
R523			RK73FB2A472J	CHIP R	4.7K	J	1/10W		
R525			RK73FB2A474J	CHIP R	470K	J	1/10W		
R526			RK73FB2A105J	CHIP R	1.0M	J	1/10W		
R529			RK73FB2A473J	CHIP R	47K	J	1/10W		
R534			RK73FB2A471J	CHIP R	470	J	1/10W		
R535			RK73FB2A105J	CHIP R	1.0M	J	1/10W		
R537			RK73FB2A561J	CHIP R	560	J	1/10W	TEE1Q	
R537			RK73FB2A561J	CHIP R	560	J	1/10W	YMM1X	
R538			RK73FB2A221J	CHIP R	220	J	1/10W	TEE1Q	
R538			RK73FB2A221J	CHIP R	220	J	1/10W	YMM1X	
R539			RK73FB2A1R0J	CHIP R	1	J	1/10W		
R540,541			RK73FB2A332J	CHIP R	3.3K	J	1/10W		
R542			RK73FB2A103J	CHIP R	10K	J	1/10W		
R543			RK73FB2A105J	CHIP R	1.0M	J	1/10W		
R544			RK73FB2A104J	CHIP R	100K	J	1/10W		
R545			RK73FB2A333J	CHIP R	33K	J	1/10W		
R547			RK73FB2A153J	CHIP R	15K	J	1/10W		
R548			RK73FB2A104J	CHIP R	100K	J	1/10W		
R551			RK73FB2A472J	CHIP R	4.7K	J	1/10W		
⚠ R553			RD14NB2E2R2J	RD	2.2	J	1/4W		
R555			RK73FB2A822J	CHIP R	8.2K	J	1/10W		
R556			RK73FB2A103J	CHIP R	10K	J	1/10W		
R557			RK73FB2A432J	CHIP R	4.3K	J	1/10W		
R558			RK73FB2A512J	CHIP R	5.1K	J	1/10W		
R559			RK73FB2A103J	CHIP R	10K	J	1/10W		
R560			RK73FB2A224J	CHIP R	220K	J	1/10W		
R561,562			RK73FB2A912J	CHIP R	9.1K	J	1/10W		
R563-566			RK73FB2A103J	CHIP R	10K	J	1/10W		
R569,570			RK73FB2A220J	CHIP R	22	J	1/10W		
R574			RK73FB2A101J	CHIP R	100	J	1/10W		
R575-578			RK73FB2A100J	CHIP R	10	J	1/10W		
R580			RK73FB2A472J	CHIP R	4.7K	J	1/10W		
VR1			R32-0038-05	SEMI FIXED VARIABLE RESISTOR					
W225			R92-0670-05	CHIP R	0 OHM			Q1E3E4	
W225			R92-0670-05	CHIP R	0 OHM			Q2	
W225			R92-0670-05	CHIP R	0 OHM			T1E1E2	
W233			R92-0670-05	CHIP R	0 OHM			Q1E3E4	
W233			R92-0670-05	CHIP R	0 OHM			Q2	
W233			R92-0670-05	CHIP R	0 OHM			T1E1E2	
D1 -4			HSS104A	DIODE					
D1 -4			1SS133	DIODE					
D6 ,7			HZS7.5N(B2)	ZENER DIODE					
D6 ,7			MTZJ7.5(B)	ZENER DIODE					
D8			HZS3.9N(B2)	ZENER DIODE					
D8			MTZJ3.9(B)	ZENER DIODE					
D11 ,12			RB721Q	DIODE					
D13 ,14			HSS104A	DIODE					
D13 ,14			1SS133	DIODE					
D16			DAP202U	DIODE					

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Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
D16			MA142WA	DIODE		
D16			1SS300	DIODE		
D301,302			RB721Q	DIODE		68
D303			HZS5.6N(B2)	ZENER DIODE		68
D303			MTZJ5.6(B)	ZENER DIODE		68
D501,502			HSS104A	DIODE		
D501,502			1SS133	DIODE		
D504			DAN202U	DIODE		
D504			MA142WK	DIODE		
D504			1SS301	DIODE		
IC1		*	M30622MC-526FP	MI-COM IC		
IC2			M62492FP	MOS-IC		
IC3			SAA6579T/R	ANALOGUE IC	TEE1Q	
IC4			S-80840ANY	ANALOGUE IC		
IC5			CXA1571M	ANALOGUE IC		
IC6			BA5979S	ANALOGUE IC		
IC7			CXD2587Q	MOS-IC		
IC8 ,9			TA8409S	MOS-IC		
IC10			CXD2718Q	MOS-IC		68
IC11 ,12		*	NJM4565MD	IC(OP AMP X2)		68
IC13			NJM4565MD	IC(OP AMP X2)		
IC14			BU2090F	ANALOGUE IC		
Q1			KTC3199(Y,GR)	TRANSISTOR		
Q1			2SC2785(F,E)	TRANSISTOR		
Q1			2SC3311A(Q,R)	TRANSISTOR		
Q2			2SB1412F5(Q,R)	TRANSISTOR	KPY	
Q2			2SB1412F5(Q,R)	TRANSISTOR	MM1X	
Q3			DTC124EUA	DIGITAL TRANSISTOR	KPY	
Q3			DTC124EUA	DIGITAL TRANSISTOR	MM1X	
Q3			UN5212	DIGITAL TRANSISTOR	KPY	
Q3			UN5212	DIGITAL TRANSISTOR	MM1X	
Q4 ,5			DTA113ZSA	DIGITAL TRANSISTOR		
Q4 ,5			UN4119	DIGITAL TRANSISTOR		
Q7			DTA143TUA	DIGITAL TRANSISTOR	TEE1Q	
Q7			UN5116	DIGITAL TRANSISTOR	TEE1Q	
Q8			DTC124EUA	DIGITAL TRANSISTOR		
Q8			UN5212	DIGITAL TRANSISTOR		
Q10			DTA113ZUA	DIGITAL TRANSISTOR		
Q10			UN5119	DIGITAL TRANSISTOR		
Q11 ,12			2SD2144S(U,V)	TRANSISTOR	TEE1Q	
Q301			DTA113ZUA	DIGITAL TRANSISTOR		6
Q301			UN5119	DIGITAL TRANSISTOR		6
Q302,303			2SC4213(B)	TRANSISTOR		6
⚠ Q304			2SC3940A(R,S)	TRANSISTOR		68
Q305,306			2SC4213(B)	TRANSISTOR		
Q307			DTA113ZUA	DIGITAL TRANSISTOR		
Q307			UN5119	DIGITAL TRANSISTOR		
Q501			2SA954(L,K)	TRANSISTOR		
Q502			DTC113ZUA	DIGITAL TRANSISTOR		
Q502			UN5219	DIGITAL TRANSISTOR		
⚠ Q503			KTA1273	TRANSISTOR		
⚠ Q503			2SA1534A(R,S)	TRANSISTOR		
Q504			DTC113ZUA	DIGITAL TRANSISTOR		
Q504			UN5219	DIGITAL TRANSISTOR		
⚠ Q505			2SB1640	TRANSISTOR		

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Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
A1			W02-2673-05	TUNER ASSY	KPYMX	
A1			W02-2674-05	TUNER ASSY	EE1	
A1			W02-2675-05	TUNER ASSY	Q	
A1			W02-2676-05	TUNER ASSY	M1	7
A1			W02-2685-05	TUNER ASSY	T	7
A501			W02-1114-05	OSCILLATING MODULE	TEE1Q	
A501			W02-1114-05	OSCILLATING MODULE	YMM1X	

DISPLAY UNIT (X14-498X-XX)

D51 ,52			B30-2546-05	LED(RED3(80))					
D53		*	B30-2548-05	LED(GRN5(80),HI B)					78
D54 -58			B30-2547-05	LED(RED5(80),HI B)					
D59 -64			B30-2546-05	LED(RED3(80))				TEE1Q	
D65 -67		*	B30-2548-05	LED(GRN5(80),HI B)					78
D70		*	B30-2548-05	LED(GRN5(80),HI B)					78
D81			B30-2547-05	LED(RED5(80),HI B)					68
D82 -84			B30-2546-05	LED(RED3(80))					68
C1 ,2			CQ93FMG1H103J	MYLAR	0.010UF	J			
C51			C91-0769-05	CERAMIC	0.010UF	K			
C52 ,53			C91-0757-05	CERAMIC	1000PF	K			
C55			C91-0769-05	CERAMIC	0.010UF	K			
C56			C91-0745-05	CERAMIC	100PF	K			
C57 ,58			C91-0757-05	CERAMIC	1000PF	K			
C59 ,60			CK45FB1H102K	CERAMIC	1000PF	K			
C62 ,63			CK45FB1H102K	CERAMIC	1000PF	K			68
C62 ,63			CK45FB1H102K	CERAMIC	1000PF	K		TEE1Q	7
C64			CK45FF1H103Z	CERAMIC	0.010UF	Z			68
C64			CK45FF1H103Z	CERAMIC	0.010UF	Z		TEE1Q	7
C65			C90-3714-05	ELECTRO	47UF	10WV			
C66 ,67			CK45FB1H102K	CERAMIC	1000PF	K			
C68 ,69			C91-0757-05	CERAMIC	1000PF	K			
C70			C90-3258-05	ELECTRO	10UF	50WV			
C72 ,73			C90-3253-05	ELECTRO	1.0UF	50WV			
C74			C90-3258-05	ELECTRO	10UF	50WV			
C75			C91-0757-05	CERAMIC	1000PF	K			
C76			C90-3212-05	ELECTRO	47UF	6.3WV			
CN1			E40-8333-05	FLAT CABLE CONNECTOR					
CN3			E40-3262-05	PIN ASSY					
J1			E11-0280-05	PHONE JACK					
-		*	J19-5960-13	HOLDER					
R1 ,2			RD14NB2E100J	RD	10	J	1/4W		
R70			RD14BB2C103J	RD	10K	J	1/6W		78
R71			RD14BB2C103J	RD	10K	J	1/6W		68
R76			RD14BB2C331J	RD	330	J	1/6W		78
R94 ,95			RD14BB2C101J	RD	100	J	1/6W		68
R110			RD14BB2C331J	RD	330	J	1/6W		78
R126-128			RD14BB2C121J	RD	120	J	1/6W		78
R152-155			RD14BB2C331J	RD	330	J	1/6W		68
S1 -26		*	S70-0051-05	TACT SWITCH					
S27			T99-0602-05	ROTARY ENCODER					
S28 ,29			T99-0615-05	ROTARY ENCODER					
D1			HZS6.2N(B2)	ZENER DIODE					

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D1			MTZJ6.2(B)	ZENER DIODE				
D2 -4			HSS104A	DIODE				
D2 -4			1SS133	DIODE				
D71			HZS5.6N(B2)	ZENER DIODE				6
D71			HZS6.2N(B2)	ZENER DIODE				78
D71			MTZJ5.6(B)	ZENER DIODE				6
D71			MTZJ6.2(B)	ZENER DIODE				78
ED1			BJ665GK	INDICATOR TUBE				6
ED1			SVA-15MM13	INDICATOR TUBE				78
IC51			M66004SP	MOS-IC				
IC52			BU2090	ANALOGUE IC				
IC53			BU2090	ANALOGUE IC				68
IC53			BU2090	ANALOGUE IC			TEE1Q	7
Q1 -4			KTC3199(Y,GR)	TRANSISTOR				
Q1 -4			2SC2785(F,E)	TRANSISTOR				
Q8 ,9			DTC124ESA	DIGITAL TRANSISTOR				
Q8 ,9			UN4212	DIGITAL TRANSISTOR				
A1			W02-2561-05	ELECTRIC CIRCUIT MODULE				
RECORD/PLAYBACK UNIT (X28-298X-XX)								
C1 -4			CK45FB1H471K	CERAMIC	470PF	K		
C5 ,6			CQ93FMG1H103J	MYLAR	0.010UF	J		
C7 ,8			CE04HW1H2R2M	NP-ELEC	2.2UF	50WV		6
C9 ,10			C90-3715-05	ELECTRO	4.7UF	35WV		6
C11 ,12			CE04HW1H2R2M	NP-ELEC	2.2UF	50WV		78
C13 ,14			C90-3681-05	ELECTRO	2.2UF	50WV		78
C15 ,16			CQ93FMG1H224J	MYLAR	0.22UF	J		78
C17 ,18			CQ93FMG1H332J	MYLAR	3300PF	J		78
C19 ,20			C90-3681-05	ELECTRO	2.2UF	50WV		78
C21 ,22			CK45FB1H682K	CERAMIC	6800PF	K		78
C23 ,24			CC45FSL1H271J	MYLAR	0.010UF	J		6
C25 ,26			C90-3658-05	ELECTRO	10UF	16WV		78
C27 ,28			C90-3680-05	ELECTRO	1UF	50WV		
C29 ,30			C90-3681-05	ELECTRO	2.2UF	50WV		
C31 ,32			C90-3658-05	ELECTRO	10UF	16WV		
C33 -36			CC45FSL1H221J	CERAMIC	220PF	J		
C51			C90-3658-05	ELECTRO	10UF	16WV		
C52			C90-3650-05	ELECTRO	100UF	16WV		
C53			C90-3650-05	ELECTRO	100UF	16WV		6
C54			C90-3650-05	ELECTRO	100UF	16WV		78
C55			C90-3658-05	ELECTRO	10UF	16WV		
C56			C90-3650-05	ELECTRO	100UF	16WV		
C57			C90-3659-05	ELECTRO	22UF	16WV		
C58			C90-3680-05	ELECTRO	1UF	50WV		78
C59			C90-3659-05	ELECTRO	22UF	16WV		7
C60			C90-3680-05	ELECTRO	1UF	50WV		
C61			CK45FB2H471K	CERAMIC	470PF	K	TQ	
C62			CQ93HP2A562J	MYLAR	5600PF	J		
C63			C90-3658-05	ELECTRO	10UF	16WV		
C64			CQ93FMG1H103J	MYLAR	0.010UF	J		
C65 ,66			CQ93FMG1H562J	MYLAR	5600PF	J		
C67			CQ93FMG1H103J	MYLAR	0.010UF	J		
C68			CK45FB1H471K	CERAMIC	470PF	K		
C69			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C70			CC45FSL1H221J	CERAMIC	220PF	J		7

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Ref. No	Address	New Parts	Parts No.	Description				Destination	Remarks
C71			C90-3658-05	ELECTRO	10UF	16WV			7
C72			C90-3650-05	ELECTRO	100UF	16WV			7
C73			CQ93FMG1H332J	MYLAR	3300PF	J			7
C74			C90-3680-05	ELECTRO	1UF	50WV			7
C75			CC45FSL1H221J	CERAMIC	220PF	J			7
C76			C90-3658-05	ELECTRO	10UF	16WV			7
C77			C90-3680-05	ELECTRO	1UF	50WV			7
C78 ,79			CK45FF1H223Z	CERAMIC	0.022UF	Z			
C80			CE04LW1V330M	ELECTRO	33UF	35WV			
C100			CF92FV1H105J	MF-C	1.0UF	J			
CN1			E40-3269-05	PIN ASSY					
CN3			E40-8252-05	FLAT CABLE CONNECTOR					
CN5			E40-8375-05	FLAT CABLE CONNECTOR					
E1 -3			J11-0808-05	WIRE CLAMPER					
L1 ,2			L40-1035-20	SMALL FIXED INDUCTOR(10MH,J)					
L3 ,4			L79-1242-05	LC FILTER					7
L5			L32-1006-05	BIAS OSCILATING COIL					
L6			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)					
⚠ R51 ,52			RD14NB2E100J	RD	10	J	1/4W		
⚠ R53			RD14NB2E100J	RD	10	J	1/4W		78
R54			RD14NB2E100J	RD	10	J	1/4W		6
⚠ R55			RD14NB2E100J	RD	10	J	1/4W		
R56			RD14NB2E102J	RD	1.0K	J	1/4W		
R71			RD14NB2E152J	RD	1.5K	J	1/4W		
R97 ,98			RD14BB2C103J	RD	10K	J	1/6W		78
R99			RD14BB2C224J	RD	220K	J	1/6W		78
R100			RD14BB2C332J	RD	3.3K	J	1/6W		78
R101			RD14BB2C104J	RD	100K	J	1/6W		78
R102			RD14BB2C103J	RD	10K	J	1/6W		78
R103			RD14BB2C472J	RD	4.7K	J	1/6W		78
R104			RD14BB2C332J	RD	3.3K	J	1/6W		78
R105			RD14BB2C102J	RD	1.0K	J	1/6W		78
⚠ R106			RD14NB2E471J	RD	470	J	1/4W		78
R125			RD14BB2C103J	RD	10K	J	1/6W		78
R130			RD14BB2C104J	RD	100K	J	1/6W		78
VR1 ,2			R32-0031-05	SEMI FIXED VARIABLE RESISTOR					
VR3 ,4			R32-0042-05	SEMI FIXED VARIABLE RESISTOR					
VR5			R32-0036-05	SEMI FIXED VARIABLE RESISTOR					
VR7 ,8			R32-0031-05	SEMI FIXED VARIABLE RESISTOR					
D1 -4			HSS104A	DIODE					
D1 -4			1SS133	DIODE					
D5			HZS5.6N(B2)	ZENER DIODE					
D5			MTZJ5.6(B)	ZENER DIODE					
D6 ,7			HSS104A	DIODE					78
D6 ,7			1SS133	DIODE					78
D8			HZS5.1N(B2)	ZENER DIODE					78
D8			MTZJ5.1(B)	ZENER DIODE					78
D9 ,10			HSS104A	DIODE					
D9 ,10			1SS133	DIODE					
IC1			HA12219NT	ANALOGUE IC					
IC2			HA12136A	ANALOGUE IC					7
IC3			BA3126N	ANALOGUE IC					
IC4			HD74HC166P	MOS-IC					

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Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
IC4			TC74HC166AP	MOS-IC		
IC5			NJM4565L	ANALOGUE IC		6
IC6			NJM4565L	ANALOGUE IC		78
⚠ Q1			KTC3205	TRANSISTOR		
⚠ Q1			2SC3940A(R,S)	TRANSISTOR		
Q2 -5			DTC124ESA	DIGITAL TRANSISTOR		
Q2 -5			KRC103M	TRANSISTOR		
Q6			2SA1286-T11	TRANSISTOR		
Q7			DTC124ESA	DIGITAL TRANSISTOR		
Q7			KRC103M	TRANSISTOR		
Q8			2SA1286-T11	TRANSISTOR		
Q9			DTC124ESA	DIGITAL TRANSISTOR		
Q9			KRC103M	TRANSISTOR		
Q10			2SA1286-T11	TRANSISTOR		
Q11 ,12			KTC3199(Y,GR)	TRANSISTOR		
Q11 ,12			2SC2785(F,E)	TRANSISTOR		
Q13 ,14			2SC1845(F,E)	TRANSISTOR	TQ	
Q15			DTA124ESA	DIGITAL TRANSISTOR	TQ	
Q15			KRA103M	TRANSISTOR	TQ	
Q16			DTC124ESA	DIGITAL TRANSISTOR	TQ	
Q16			KRC103M	TRANSISTOR	TQ	
Q21			DTA124ESA	DIGITAL TRANSISTOR		
Q21			KRA103M	TRANSISTOR		
Q22			DTC124ESA	DIGITAL TRANSISTOR		
Q22			KRC103M	TRANSISTOR		
Q23 -26			KTC3199(Y,GR)	TRANSISTOR		
Q23 -26			2SC2785(F,E)	TRANSISTOR		
Q27 ,28			DTC124ESA	DIGITAL TRANSISTOR		
Q27 ,28			KRC103M	TRANSISTOR		
Q29			DTA124ESA	DIGITAL TRANSISTOR		
Q29			KRA103M	TRANSISTOR		
CD MECHANISM UNIT (D40-1500-05) : KCTB1H						
103	1B		D13-1763-04	GEAR (MIDDLE)		
104	1B		D13-1765-03	GEAR (DRIVING)		
106	2A		D10-3659-04	ROD (GUIDE)		
113	3A		E40-3264-05	PIN ASSY		
111	2A		J90-0844-03	GUIDE (RAIL)		
110	3A		S74-0065-05	LEAF SWITCH		
DM	2B		A11-1114-08	SUB CHASSIS ASSY		
FM	3B		T42-0872-08	FEED MOTOR ASSY		
PU	1A		T25-0050-05	PICKUP KCP1H		
CD MECHANISM UNIT (D40-1619-05) : MGC-E9001						
1	3D		A10-3478-08	CHASSIS		
6	3D		D10-3891-08	FRICTION ARM		
7	3D		D13-1940-08	GEAR		
8	3D		J31-0882-08	COLLAR(LOAD)		
9	2C		D13-1941-08	GEAR		
11	2C		D15-0418-08	PULLEY GEAR		
12	2C		D16-0731-08	DRIVE BELT		
13	1C		J99-0814-08	TRAY (SLIDE)		
14	2C		D13-1599-08	GEAR (IDLER)		
15	2D		G09-0670-08	WIRE SPRING		

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Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
20	2C		B30-2553-08	LED (SIR-34ST3F)		
21	2D		D13-1604-08	GEAR (HELICAL)		
22	1C		D10-3892-08	LOCK ARM		
23	1D		G01-3931-08	EXTENSION SPRING (BRAKE)		
24	1D		J90-0870-08	SENSOR GUIDE		
25	1D		T95-0162-08	PHOTO TRANSISTOR (RPT-38PB3F)		
27	1C		S33-1022-05	PUSH SWITCH (SPPB12)		
29	1C		J99-0815-08	TRAY (ROTARY)		
31	1D		J21-6729-08	CLAMPER BKT		
32	1D		T99-0613-08	MAGNET		
33	1D		J11-0846-08	CLAMPER		
34	2D		J19-5999-08	HOLDER		
35	2D		J02-1174-08	INSULATOR 37 BLUE		
36	2D		J02-1175-08	INSULATOR 25 GREEN		
38	2D		D10-3893-08	SLIDER (CAM)		
39	1C,3C		D14-0361-08	ROLLER (TRAY)		
40	1C,2C		S64-0044-08	LEVER SWITCH (SSS-23-3)		
45	2D,3D		E35-2366-08	FLAT CABLE (9P)		
46	2D,3D		E40-8419-08	FLAT CABLE CONNECTOR (9P)		
47	2D,3D		E35-2367-08	FLAT CABLE (16P)		
48	3D		E35-2368-08	WIRING HARNESS (6P)		
56	2D		RD14BB2C331J	CARBON FILM RESISTOR		
57	3D		G13-0521-08	CUSHION		
61	3D		E40-8106-08	PIN ASSY		
62	3D		E40-8420-08	FLAT CABLE CONNECTOR (33P)		
63	3D		E40-8421-08	FLAT CABLE CONNECTOR (16P)		
66	1D		G10-0500-08	CUSHION SHEET		
AA			N89-2614-45	SCREW (M2.6X14)		
AB			N09-3377-08	SCREW (SUB-L)		
AC			N89-2008-46	SCREW (M2X8)		
AD			N09-3141-08	SCREW (F)		
AE			N89-2608-46	SCREW (M2.6X8)		
AF			N09-3140-08	SCREW (E)		
AG			N09-3225-05	SCREW (A2)		
AH			N09-3369-08	SCREW (2.6X6)		
AJ			N09-5104-08	SCREW (A)		
AK			N09-3489-08	SCREW (J)		
AL			N19-1490-08	POLY WASHER (10X6.4X0.8)		
AM			N16-0026-46	SPRING WASHER		
LM	3C		T42-0949-08	MOTOR ASSY		
RTM	2D		T42-0950-08	MOTOR ASSY		
CASSETTE MECHANISM UNIT (D40-1618-05)						
401	1F		A10-3157-08	CHASSIS BASE		
405	1G		D01-0119-08	FLYWHEEL ASSY LEFT		
406	2G		D01-0205-08	FLYWHEEL ASSY RIGHT		
431	1F		D19-0310-08	CLUTCH ASSY		
489	2F		T94-0225-08	SOLENOID SHAFT		
491	1E		W02-2695-08	ELECTRIC UNIT		
BJ	1F		D16-0730-08	JOINT BLET		
BM	1G		D16-0371-08	MAIN BELT		
BR	2G		D16-0372-08	REEL BELT		
PF	2F		D14-0399-08	PINCH ROLLER ASSY (FWD)		
PR	2E		D14-0400-08	PINCH ROLLER ASSY (RVS)		

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HOW TO READ THE PARTS LIST

Destination and Remarks coumns have the abbreviation for the sale country and model.
Letters in the destination mean the country. Numerals in the remarks do the model.
Example:"K and P" show all models for USA and Canada, markets. "6" does all models of RXD-652,-652E, and -652W.

ABBREVIATION OF MODEL AND MASS PRODUCTION'S DESTINATIONS

MODEL	CNT	Australia	Canada	China	England	Europe	Germany	Korea	Malaysia
	ABB.	X	P	C	T	E	G	H	I
RXD-652	6	X	-	-	-	E	-	-	-
RXD-652E	6	-	-	-	-	E1	-	-	-
RXD-652W	6	-	-	-	-	-	-	-	-
RXD-A601	6	-	P	-	-	-	-	-	-
RXD-702	7	-	-	-	-	E	-	-	-
RXD-702E	7	-	-	-	-	E1	-	-	-
RXD-702W	7	-	-	-	-	-	-	-	-
RXD-752	7	X	-	-	T	E	-	-	-
RXD-752E	7	-	-	-	-	E1	-	-	-
RXD-752W	7	-	-	-	-	-	-	-	-
RXD-772S	7	-	-	-	-	-	-	-	-
RXD-A81	7	-	P	-	-	-	-	-	-
RXD-852	8	X	-	-	T	E	-	-	-
RXD-852E	8	-	-	-	-	E1	-	-	-
RXD-852W	8	-	-	-	-	-	-	-	-
RXD-A701	8	-	P	-	-	-	-	-	-

MODEL	CNT	Mexico	PX/AAFES	Russia	Scandinavia	Shanghai	USA	Other area	
	ABB.	R	Y	Q	L	V	K	M	
RXD-652	6	-	-	-	-	-	-	M	-
RXD-652E	6	-	-	-	-	-	-	-	-
RXD-652W	6	-	-	Q	-	-	-	-	-
RXD-A601	6	-	-	-	-	-	K	-	-
RXD-702	7	-	-	-	-	-	-	-	-
RXD-702E	7	-	-	-	-	-	-	-	-
RXD-702W	7	-	-	Q	-	-	-	-	-
RXD-752	7	-	Y	-	-	-	-	M	-
RXD-752E	7	-	-	-	-	-	-	-	-
RXD-752W	7	-	-	Q	-	-	-	-	-
RXD-772S	7	-	-	-	-	-	-	M1	-
RXD-A81	7	-	-	-	-	-	K	-	-
RXD-852	8	-	Y	-	-	-	-	M	-
RXD-852E	8	-	-	-	-	-	-	-	-
RXD-852W	8	-	-	Q	-	-	-	-	-
RXD-A701	8	-	-	-	-	-	K	-	-

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Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
CC			N19-0904-08	WASHER		
CD			N19-0905-08	WASHER		
CE			N19-1214-08	WASHER		
MM	1F		T42-0948-08	MAIN MOTOR ASSY		
PH	2E		T31-0078-08	PLAYBACK HEAD		
RPEH	2E		T39-0038-08	REC/PLAYBACK/ERASE HEAD		

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RXD-652/702/752/772S/852/A81/A601/A701

SPECIFICATIONS

Main unit

(XD-6...series, XD-8...series)

[Amplifier section]

(XD-6...series)

Rated output power during STEREO operation
FRONT (1 kHz, 1.0 % T.H.D., 6 Ω)
Two channels driven ..... 55 W + 55 W
Effective output power during STEREO operation
FRONT (1 kHz, 10 % T.H.D., 6 Ω)
One channel driven ..... 70 W + 70 W
Effective output power during SURROUND operation
FRONT (1 kHz, 10 % T.H.D., 6 Ω)
One channel driven ..... 50 W + 50 W
CENTER (1 kHz, 10 % T.H.D., 6 Ω) ..... 20 W
SURROUND (1 kHz, 10 % T.H.D., 12 Ω)
One channel driven ..... 10 W + 10 W
Signal to noise ratio
MD/DVD INPUT ..... 90 dB (IHF' 66)
Input sensitivity / inpedance
MD/DVD INPUT ..... 380 mV / 47 kΩ
Output level / impedance
SUPER WOOFER PREOUT ..... 1.6 V / 620 Ω
MD REC OUTPUT (CD, 0 dB) ..... 1.0 V / 10 kΩ

(XD-8...series)

Rated output power during STEREO operation
FRONT (1 kHz, 1.0 % T.H.D., 6 Ω)
Two channels driven ..... 80 W + 80 W
Effective output power during STEREO operation
FRONT (1 kHz, 10 % T.H.D., 6 Ω)
One channel driven ..... 100 W + 100 W
Effective output power during SURROUND operation
FRONT (1 kHz, 10 % T.H.D., 6 Ω)
One channel driven ..... 70 W + 70 W
CENTER (1 kHz, 10 % T.H.D., 6 Ω) ..... 30 W
SURROUND (1 kHz, 10 % T.H.D., 12 Ω)
One channel driven ..... 15 W + 15 W
Signal to noise ratio
MD/DVD INPUT ..... 90 dB (IHF' 66)
Input sensitivity / inpedance
MD/DVD INPUT ..... 380 mV / 47 kΩ
Output level / impedance
SUPER WOOFER PREOUT ..... 2.0 V / 620 Ω
MD REC OUTPUT (CD, 0 dB) ..... 1.0 V / 10 kΩ

[Tuner section]

FM tuner section
Tuning frequency range ..... 87.5 MHz ~ 108 MHz
(For Russia) ..... 65.0 MHz ~ 74.0 MHz

AM (MW) Tuner section
Tuning frequency range
(For U.K., Europe and Russia) .... 531 kHz ~ 1,602 kHz
(Other countories)
9 kHz step ..... 531 kHz ~ 1,602 kHz
10 kHz step ..... 530 kHz ~ 1,610 kHz

LW Tuner section (For U.K. and Russia)
Tuning frequency range ..... 153 kHz ~ 279 kHz

[Cassette deck section]

Track ..... 4-track, 2-channel stereo
Recording system ..... AC bias system
(Frequency: 105 kHz)
Heads
A deck : Playback head 1
B deck : Playback/ recording head 1
Erasing head 1
Fast winding time ..... Approx. 115 seconds
(C-60 tape)

[CD player section]

Laser ..... Semiconductor laser
Wow & Flutter ..... Less than unmeasurable Limit
Digital output (Optical) ..... – 15 dBm ~ – 21 dBm
(Wave length 660 nm)

[General]

(XD-6...series)

Power consumption ..... 160 W
Dimensions ..... W : 280 mm
H : 330 mm
D : 386 mm
Weight (net) ..... 10.1 kg

(XD-8...series)

Power consumption ..... 190 W
Dimensions ..... W : 280 mm
H : 330 mm
D : 386 mm
Weight (net) ..... 11.1 kg

Notes

1.KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2.Sufficient performance may not be possible at very low temperatures (0°C or less).

SPECIFICATIONS

Main unit

(XD-7...series)

[Amplifier section]

Rated output power during STEREO operation
FRONT (1 kHz, 1.0 % T.H.D., 6 Ω)
Two channel driven ..... 80 W + 80 W
Effective output power during STEREO operation
FRONT (1 kHz, 10 % T.H.D., 6 Ω)
One channel driven ..... 100 W + 100 W
Effective output power during SUPER WOOFER operation
FRONT (1 kHz, 10 % T.H.D., 6 Ω)
One channel driven ..... 100 W + 100 W
SUPER WOOFER (60 Hz, 10 % T.H.D., 6 Ω)
One channel driven ..... 100 W + 100 W
Signal to noise ratio
MD/DVD INPUT ..... 90 dB (IHF' 66)
Input sensitivity / inpedance
MD/DVD INPUT ..... 380 mV / 47 kΩ
Output level / impedance
MD REC OUTPUT (CD, 0 dB) ..... 1.0 V / 10 kΩ

[Tuner section]

FM tuner section
Tuning frequency range ..... 87.5 MHz ~ 108 MHz
(For Russia) ..... 65.0 MHz ~ 74.0 MHz

AM (MW) Tuner section

Tuning frequency range
(For U.K., Europe and Russia) .... 531 kHz ~ 1,602 kHz
(Other countories)
9 kHz step ..... 531 kHz ~ 1,602 kHz
10 kHz step ..... 530 kHz ~ 1,610 kHz

LW Tuner section (For U.K. and Russia)
Tuning frequency range ..... 153 kHz ~ 279 kHz

SW Tuner section (XD-772S only)
Tuning frequency range ..... 5.9 MHz ~ 17.9 MHz

[Cassette deck section]

Track ..... 4-track, 2-channel stereo
Recording system ..... AC bias system
(Frequency: 105 kHz)
Heads
A deck : Playback head 1
B deck : Playback/ recording head 1
Erasing head 1
Fast winding time ..... Approx. 115 seconds
(C-60 tape)

[CD player section]

Laser ..... Semiconductor laser
Wow & Flutter ..... Less than unmeasurable Limit
Digital output (Optical) ..... – 15 dBm ~ – 21 dBm
(Wave length 660 nm)

[General]

Power consumption ..... 160 W
Dimensions ..... W : 280 mm
H : 330 mm
D : 386 mm
Weight (net) ..... 11.0 kg

Notes
1. KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2. Sufficient performance may not be possible at very low temperatures (0°C or less).